NOVA | Northern Virginia Community College

Transfer Trends and Patterns Series: 2018-19 Report

Research Report No. 01-20

Office of Institutional Effectiveness and Student Success

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NORTHERN VIRGINIA COMMUNITY COLLEGE

OFFICE OF INSTITUTIONAL EFFECTIVENESS AND STUDENT SUCCESS

The purpose of the Office of Institutional Effectiveness and Student Success is to conduct analytical studies and provide information in support of institutional planning, policy formulation, and decision making. In addition, the office provides leadership and support in research related activities to members of the NOVA community engaged in planning and evaluating the institution's success in accomplishing its mission.

When citing data from this report, the Northern Virginia Community College (NOVA) Office of Institutional Effectiveness and Student Success must be cited as the source.

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Introduction

Northern Virginia Community College (NOVA) uses several measures to evaluate student achievement in support of its mission and strategic plan, which states a commitment to the values of access, opportunity, student success, and excellence. In particular, the College aims to provide students access to high-quality, postsecondary education in the Northern Virginia region, as well as to promote success by preparing students to graduate, transfer out, and enter the workforce with improved educational and labor market skills.

NOVA demonstrates its commitment to the values of student access and student success through well-established processes that are in place to evaluate and improve student achievement. In particular, NOVA measures eight student achievement criteria as reported to the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC): 1) College Readiness; 2) Enrollment; 3) Course Success; 4) Retention; 5) Graduation; **6) Transfer;** 7) Job Placement; and 8) Licensing Exams.

This report provides critical updates to an earlier report series examining students transferring out of NOVA. The present report shows trends in transfer rates over time (Section A), looks at the most popular transfer institutions for NOVA students (Section B), and explores popular major pairings at NOVA and four-year schools (Section C).

Transfer figures are based on data from both the State Council of Higher Education for Virginia (SCHEV) and the National Student Clearinghouse (NSC), as provided by Virginia's Community Colleges (VCCS).

This report indicates that while the number of NOVA students who transfer out has increased in recent years, and while the proportion of transferring students who identify as ethnic or racial minorities has also increased, the number of NOVA students who transfer with a credential has decreased. The report is intended to assist NOVA administrators, faculty, staff, and other stakeholders in helping the College to optimize its curricula and programs to benefit students as they navigate from NOVA to their transfer institutions and beyond.

Executive Summary

Section A. Transfer Trends

- The number of NOVA students transferring to a four-year institution increased by 28 percent between 2014-15 (9,200 students) and 2018-19 (11,773 students).
- 60 percent of NOVA transfers enroll at four-year institutions in Virginia.
- Fifty-nine percent of transfers to four-year institutions in Virginia in 2016-17 were of a minority race or ethnicity.
- The proportion of NOVA students who earned a degree or credential at NOVA prior to transferring declined by seven percentage points from 2014-15 to 2018-19 (from 35 to 28 percent).

Section B. Top Transfer Institutions

- Each year, the largest number of NOVA transfer students enroll at George Mason University (GMU). In 2018-19, over 3,000 NOVA students transferred to GMU.
- Fifty-nine percent of NOVA transfer students with a credential enroll at GMU. Seventeen percent of NOVA transfer students without a credential enroll at GMU.

Section C. Program Major Pairings at NOVA and Transfer Institutions

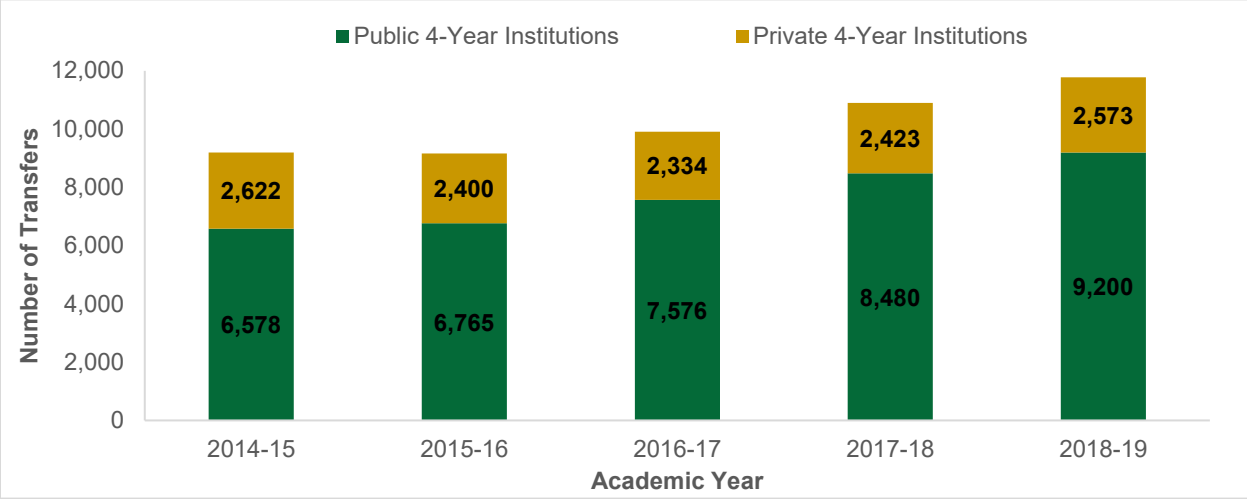
- Many students who transfer with a NOVA credential subsequently enroll in a related academic program at a four-year institution.
  - Among GMU transfers with the Business Administration, A.S. from NOVA, 26 percent (96 students) enrolled in Accounting, 24 percent (90 students) enrolled in Information Systems and Operations Management, 20 percent (73 students) enrolled in Management, and 13 percent (49 students) enrolled in Finance.
  - Among VCU transfers with the Science, A.S., 60 percent (18 students) enrolled in Biology.
  - Among VCU transfers with the Social Sciences, A.S., 30 percent (9 students) enrolled in Psychology, 13 percent (4 students) enrolled in Criminal Justice, and 13 percent (4 students) enrolled in Mass Communications.

Section A. Transfer Trends

The number of NOVA students who transfer to a four-year institution has increased over time.

- Nearly 12,000 NOVA students transferred to a four-year institution during the 2018-19 academic year, a 28 percent increase over 2014-15.
- Over 75 percent of transfers to four-year institutions in 2018-19 (9,200 students) transferred to a public institution rather than a private institution.
- The number of NOVA students transferring to a public institution increased by 40 percent from 2014-15 to 2018-19. Transfers to private institutions decreased by two percent during the same time period.

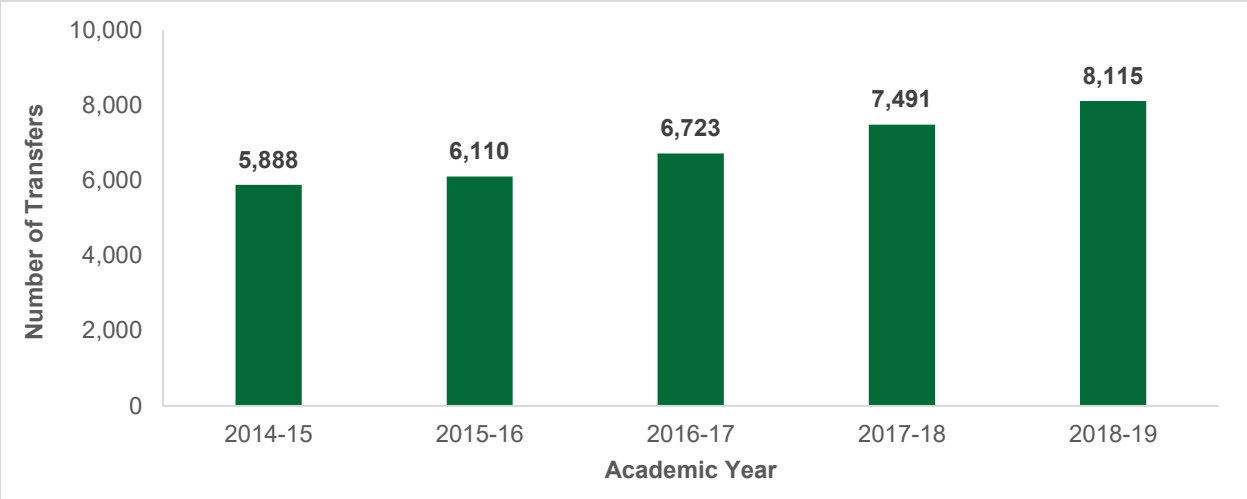
Figure 1. Transfers to Four-Year Institutions: 2014-15 through 2018-19



Source: NSC

- Each year, over 60 percent of NOVA transfers enroll at a school located in Virginia.
- The number of students transferring to Virginia schools has increased steadily from 2014-15 through 2018-19.

Figure 2. Transfers to Four-Year Institutions in Virginia: 2014-15 through 2018-19

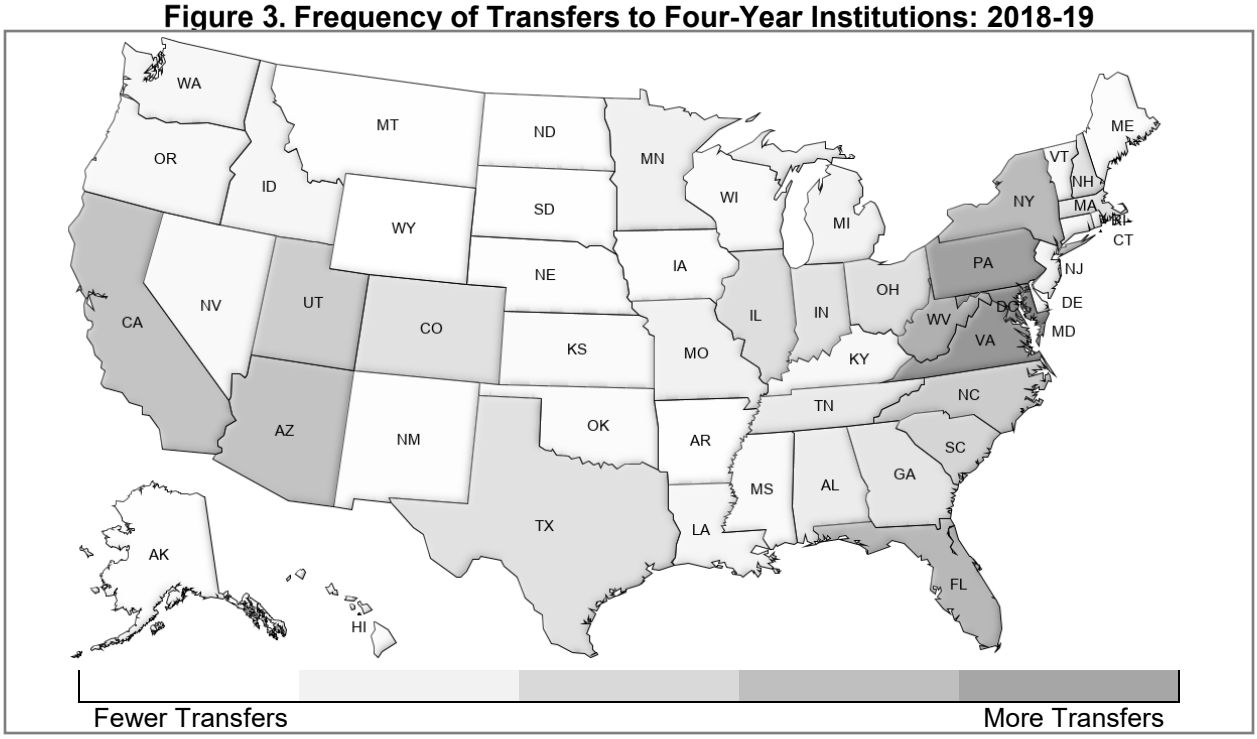


Source: NSC

In 2018-19, NOVA students transferred to four-year institutions in 49 of the 50 states as well as Washington, D.C., Puerto Rico, the Virgin Islands, and Canada. The only state where NOVA students did not enroll at a four-year transfer institution in 2018-19 was Wyoming.

- Following Virginia (8,115 transfers), most NOVA transfers in 2018-19 enrolled at four-year institutions in Washington, D.C. (471), Maryland (333), Pennsylvania (269), West Virginia (221), Florida (198), and New York (192).

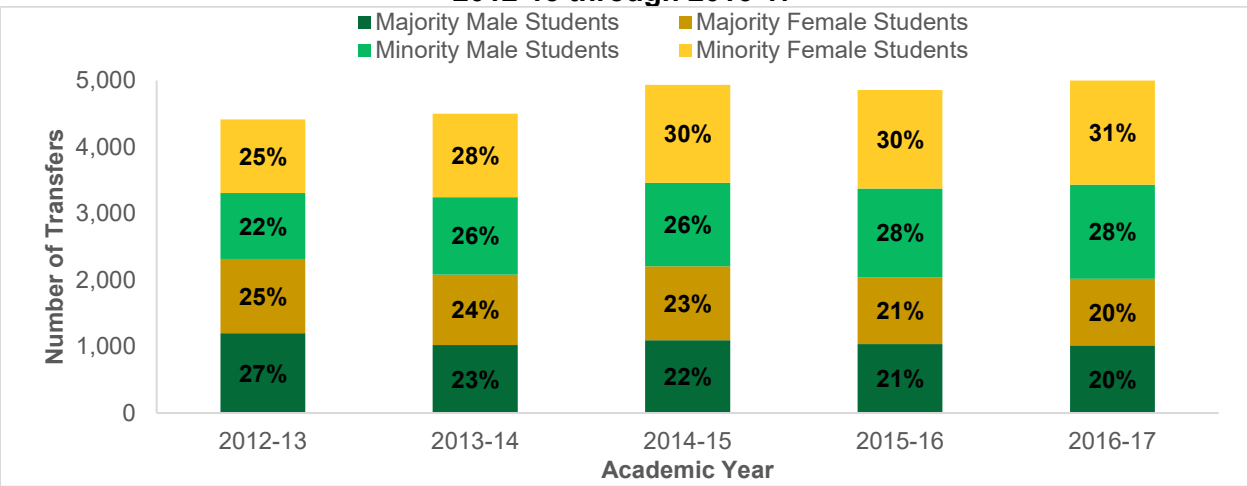
Figure 3. Frequency of Transfers to Four-Year Institutions: 2018-19



Source: NSC

Notably, the percentage of transfers of a minority race or ethnicity has increased steadily from 47 percent of transfers to four-year institutions in Virginia in 2012-13 to 59 percent in 2016-17.

Figure 4. Transfers to Four-Year Institutions in Virginia by Minority Status and Gender: 2012-13 through 2016-17



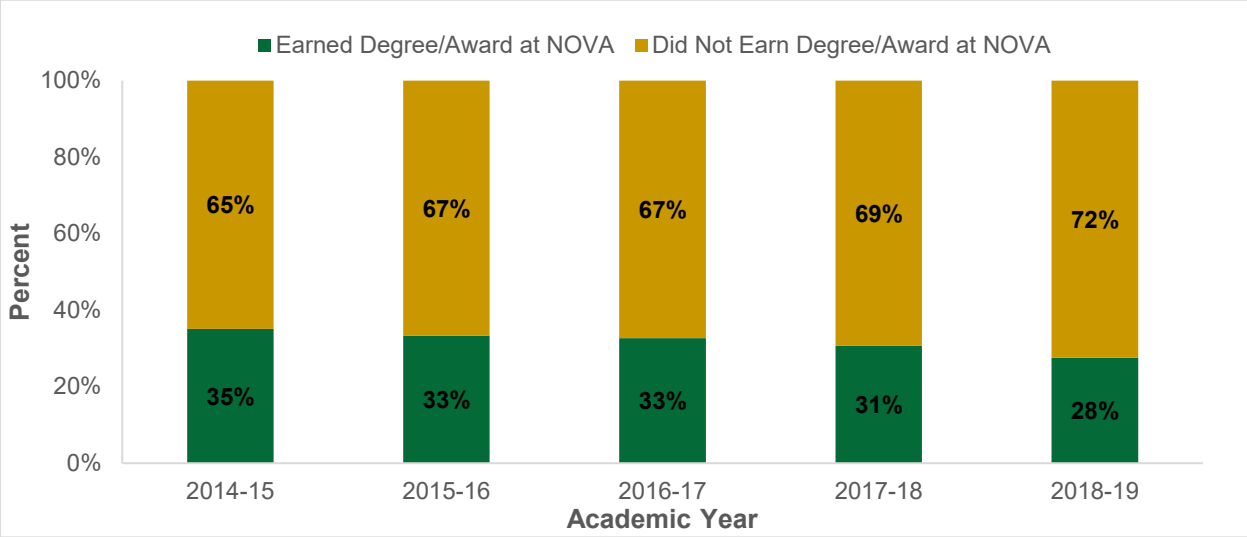
Note: Includes transfers to public and private, non-profit four-year institutions
Source: SCHEV

In addition to the transfer rate, the graduation rate is an important student achievement criterion. As such, NOVA is continually striving to provide its students with structure and supports that facilitate degree completion. Over time, the percentage of NOVA students who earn a degree or award prior to transferring has declined.

- In 2014-15, 35 percent of transfers completed a NOVA degree or award before transferring. By 2018-19, the figure had decreased by seven percentage points, to 28 percent.

The implementation of guided pathways and the creation of the ADVANCE partnership with George Mason University (GMU) are expected to help limit this decline and increase the number of students who earn a NOVA degree or award before transferring to a four-year institution.

Figure 5. Transfers to Four-Year Institutions by NOVA Graduation Status: 2014-15 through 2018-19



Source: NSC

Most NOVA students who earn a degree or award prior to transferring to a four-year institution earn an A.S. degree.

- Each year, over 75 percent of students who complete a NOVA degree or award before transferring earn an A.S. degree.

Table 1. Transfers to Four-Year Institutions by NOVA Degree/Award: 2014-15 through 2018-19

Degree/Award	2014-15		2015-16		2016-17		2017-18		2018-19	
	#	%	#	%	#	%	#	%	#	%
A.A.	294	9.1	281	9.2	332	10.2	271	8.1	247	7.6
A.S.	2,542	78.6	2,415	78.9	2,530	78.0	2,617	78.3	2,507	77.2
A.A.A.	6	0.2	4	0.1	5	0.2	7	0.2	9	0.3
A.A.S.	241	7.5	186	6.1	182	5.6	230	6.9	240	7.4
Certificate	151	4.7	173	5.7	193	6.0	217	6.5	245	7.5
Total	**3,234**	**100.0**	**3,059**	**100.0**	**3,242**	**100.0**	**3,342**	**100.0**	**3,248**	**100.0**

Source: NSC

Among NOVA students who transferred with an award during the 2018-19 academic year, the most common credential was the A.S. in General Studies.

Table 2. Most Popular NOVA Degrees and Awards Earned Prior to Transfer to Four-Year Institutions: 2018-19

Degree Program	#	%
General Studies, A.S.	830	25.6
Business Administration, A.S.	571	17.6
Social Sciences, A.S.	348	10.7
Science, A.S.	250	7.7
Information Technology, A.S.	231	7.1
Liberal Arts, A.A.	225	6.9
General Education, Certificate	187	5.8
Computer Science, A.S.	151	4.6
Engineering, A.S.	123	3.8
Cybersecurity, A.A.S.	79	2.4
Nursing, A.A.S.	56	1.7
Career Studies Certificates	49	1.5
Fine Arts, A.A.	17	0.5
Early Childhood Development, A.A.S.	16	0.5
Information Systems Technology, A.A.S.	12	0.4
Administration of Justice, A.A.S.	11	0.3
Business Management, A.A.S.	10	0.3
Other Degree/Award	82	2.5
Total	**3,248**	**100.0**

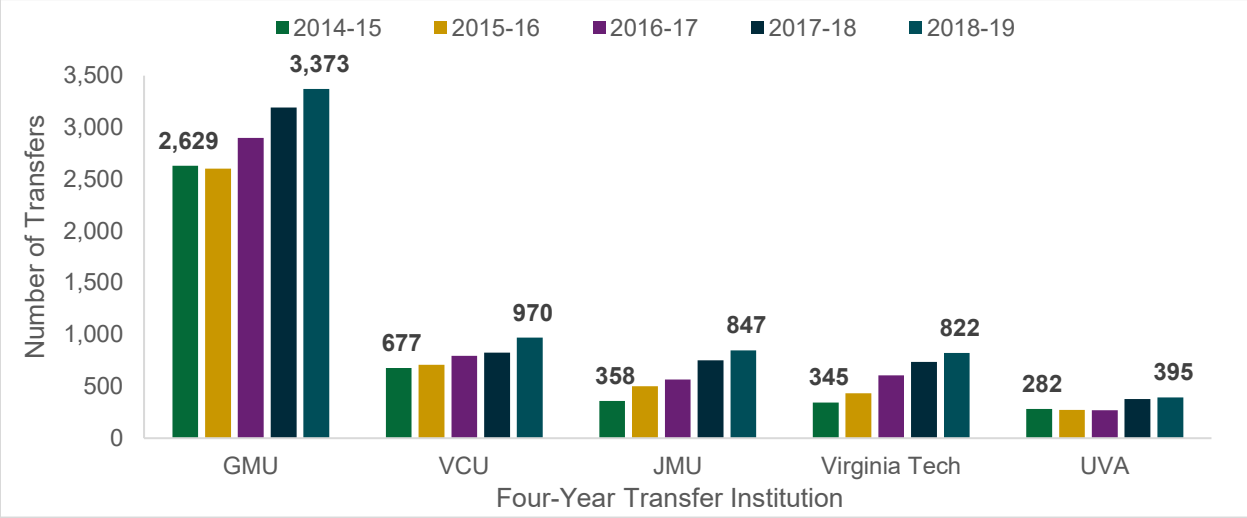
Note: Other Degree/Award includes programs with fewer than 10 completers that transferred during the 2018-19 academic year.
Source: NSC

Section B: Top Transfer Institutions

This section presents data on the most popular transfer institutions for NOVA students.

Each year, the largest number of NOVA transfer students enroll at George Mason University (GMU). In 2018-19, over 3,000 NOVA students transferred to GMU. The other top transfer institutions in 2018-19 were Virginia Commonwealth University (VCU), James Madison University (JMU), Virginia Polytechnic Institute and State University (Virginia Tech), and the University of Virginia (UVA). See Appendix A (public institutions) and Appendix B (private institutions) for complete lists of transfer institutions from 2014-15 through 2018-19.

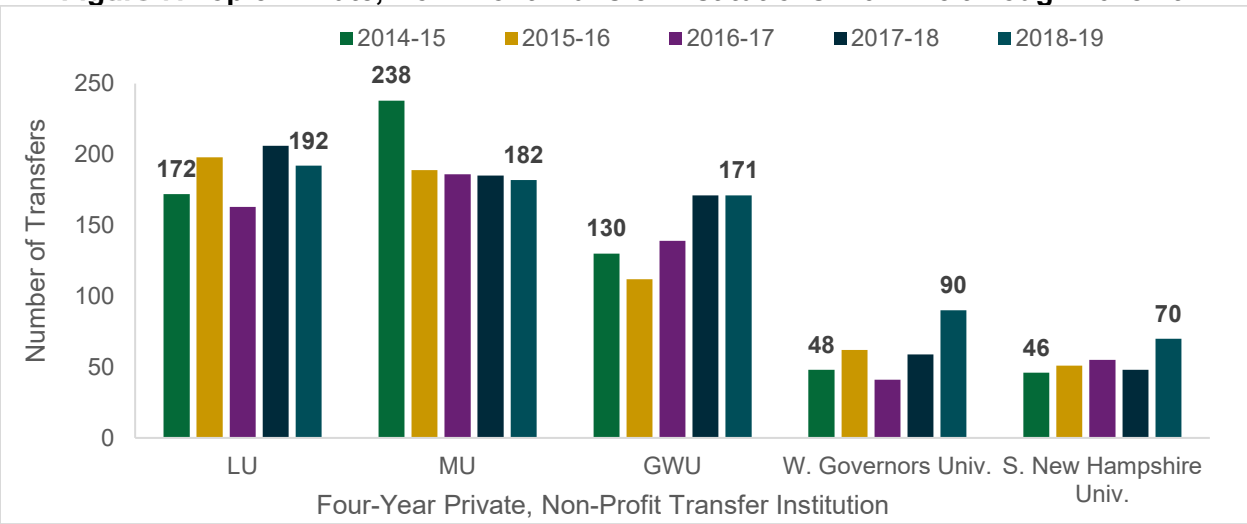
Figure 6. Top 5 Transfer Institutions: 2014-15 through 2018-19



Source: NSC

Among private, non-profit four-year transfer institutions, the largest number of NOVA students transferred to Liberty University (LU), Marymount University (MU), and George Washington University (GWU).

Figure 7. Top 5 Private, Non-Profit Transfer Institutions: 2014-15 through 2018-19



Source: NSC

Students who transfer after earning a NOVA credential are more likely to enroll at certain four-year institutions compared to students who transfer before earning a degree or certificate at NOVA.

- 59 percent of students who transferred with a NOVA credential enrolled at GMU in 2018-19 compared to 17 percent of transfers without a credential.
- A larger number of students without a NOVA credential transferred to VCU, JMU, and Virginia Tech compared to students with a NOVA credential.

Table 3. Most Popular Four-Year Transfer Institutions by NOVA Credential Status: 2018-19

Four-Year Transfer Institution	Transfer with NOVA Credential		Transfer without NOVA Credential	
	#	%	#	%
George Mason University	1,919	59.1	1,451	17.0
Virginia Commonwealth University	183	5.6	787	9.2
George Washington University	112	3.4	59	0.7
Virginia Polytechnic Institute and State University	108	3.3	714	8.4
James Madison University	99	3.0	748	8.8
University of Virginia	98	3.0	297	3.5
Marymount University	55	1.7	127	1.5
Old Dominion University	47	1.4	225	2.6
Liberty University	41	1.3	151	1.8
University of Maryland – University College	37	1.1	138	1.6
Other	549	16.9	3,828	44.9
Total	**3,248**	**100.0**	**8,525**	**100.0**

Source: NSC

Section C: Program Major Pairings at NOVA and Transfer Institutions

This section addresses the relationship between programs of study at NOVA and at popular transfer schools. An examination of these patterns in program enrollment can assist NOVA administrators with the creation of additional transfer pathways to the most popular transfer institutions.

The top ten transfer institutions for students who transferred in 2018-19 after earning a NOVA credential are listed in Table 4. The table presents transfer enrollments by NOVA award.

Table 4. Top 10 Transfer Institutions for NOVA Graduates by NOVA Award: 2018-19

Award	Major Program	Four-Year Transfer Institution											Grand Total
		GMU	VCU	GWU	VT	JMU	UVA	MU	ODU	LU	UMUC	Other	
A.A.	Fine Arts	5	2			2		1				7	17
	Liberal Arts	134	15		1	5	20	3	3	6	1	37	225
	Music	2							1			2	5
A.A. Total		**141**	**17**		**1**	**7**	**20**	**4**	**4**	**6**	**1**	**46**	**247**
A.S.	Business Admin.	374	29	4	24	28	12	5	9	6	4	76	571
	Computer Science	103	3	1	11	6	8	1				18	151
	Criminology/C.J.	2	1										3
	Engineering	67	7		35		1		2		1	10	123
	General Studies	571	33	13	6	9	8	17	14	8	10	141	830
	Info. Tech.	147	6	36	1	2		1	3		9	26	231
	Science	130	30	5	19	8	20	3		1	1	33	250
	Social Sciences	196	30	1	2	30	11	4	10	5	2	57	348
A.S. Total		**1,590**	**139**	**60**	**98**	**83**	**60**	**31**	**38**	**20**	**27**	**361**	**2,507**
A.A.A.	Fine Arts	2	2			1						1	6
	Music	3											3
A.A.A. Total		**5**	**2**			**1**						**1**	**9**
A.A.S.	Accounting	2										2	4
	Admin. of Justice	5								3	1	2	11
	Air Cond. & Ref.											2	2
	Amer. Sign Lang.							1				1	2
	Architecture	1										3	4
	Automotive Tech.	1						1				1	3
	Biotechnology	1						1					2
	Business Mgmt.	3								2	2	3	10
	Cybersecurity	34		29				5		1	3	7	79
	Dental Hygiene											1	1
	Diag. Med. Sonog.											1	1
	Early Childhd. Dev.	8						1		4		3	16
	Emerg. Med. Serv.											2	2
	Engineering Tech.											1	1
	Fire Science											1	1
	Graphic Design	2	1			1						1	5

Award	Major Program	Four-Year Transfer Institution											Grand Total
		GMU	VCU	GWU	VT	JMU	UVA	MU	ODU	LU	UMUC	Other	
	Health Info. Mgmt.			1								2	3
	Hospitality Mgmt.									1			1
	Info. Syst. Tech.	4		5								3	12
	Interior Design							1		1			2
	Marketing										1		1
	Med. Lab. Tech.		1	1								1	3
	Nursing	5		13		1	2		1			34	56
	Paralegal Studies	2								2		3	7
	Photog. & Media		1									1	2
	Phys. Therp. Asst.											1	1
	Radiography											2	2
	Respiratory Therapy										1	3	4
	Veterinary Tech.								1			1	2
A.A.S. Total		**68**	**3**	**49**		**2**	**2**	**10**	**2**	**14**	**8**	**82**	**240**
	Arch. Drafting											2	2
	Bookkeeping											1	1
	Career Studies	11	2		3	1	5	2	2	1		22	49
	Culinary Arts			1								1	2
Certificate	Dental Assisting	1											1
	Early Childhd. Dev.	1											1
	General Education	102	20	2	6	5	11	8	1		1	31	187
	Multimedia Design											1	1
	Small Bus. Mgmt.											1	1
Certificate Total		**115**	**22**	**3**	**9**	**6**	**16**	**10**	**3**	**1**	**1**	**59**	**245**
Total		**1,919**	**183**	**112**	**108**	**99**	**98**	**55**	**47**	**41**	**37**	**549**	**3,248**

Source: NSC

Through an examination of data showing the relationship between NOVA credentials and subsequent transfer institutions, the administration can continue to better prepare students for transfer success. In Fall 2018, NOVA implemented guided pathways to help ease the transition for students to four-year institutions. The pathways are designed to reduce the number of excess credits earned and allow for a seamless transfer of credits to select transfer partners. The pathways align with programs at several of the most popular transfer institutions for NOVA students.

The following tables explore the relationship between some of the most popular majors at NOVA and the three most popular transfer institutions for students who earn a NOVA credential prior to transfer: GMU, VCU, and GWU.

George Mason University

Table 4 (pages 8-9) showed the most popular NOVA credentials earned prior to transfer to GMU in 2018-19. Table 5 below shows which majors these students entered into upon enrollment at GMU. As the ADVANCE partnership between the two institutions continues to expand to include more programs, there is expected to be greater alignment between NOVA credentials and majors at GMU.

Many students who earned NOVA credentials subsequently enrolled in related programs at GMU.

- Among transfers with the A.S. in Business Administration, 26 percent (96 students) enrolled in Accounting, 24 percent (90 students) enrolled in Information Systems and Operations Management, 20 percent (73 students) enrolled in Management, and 13 percent (49 students) enrolled in Finance.

Table 5. NOVA Credential and Subsequent Major at GMU: 2018-19 Transfers

Major at GMU	NOVA Credential									Total
	Liberal Arts, A.A.	Business Admin., A.S.	Comp. Sci., A.S.	General Studies, A.S.	Info. Tech., A.S.	Science, A.S.	Social Sci., A.S.	Gen. Ed., Cert.	Other	
Accounting	1	96	1	6	1		1	3	2	111
Anthropology	1			2			1			4
Applied Comp. Sci.			2					1		3
Applied Science				1					34	35
Art & Visual Tech.				17				1	8	26
Art History	2							1		3
Bioengineering			1	1		2				4
Biology	2	2	1	21		59	1	4	1	91
Chemistry				1		14			1	16
Civil & Infra. Engr.				2				1	13	16
Communication	19	2		12			6	1		40
Community Health				28		4	3			35
Comp. Data Sciences		1		1		1				3
Computer Engr.			1	1					2	4
Comp. Game Design		1	1	8						10
Computer Science		3	75	1	1			1	2	83
Conf. Analysis Rsltn.	4			5				2		11
Contract Course							1			1
Creative Writing	2			1						3
Crim., Law & Society	5			85	1		6	5	8	110
Curriculum & Instr.									1	1
Cyber Security Engr.									3	3
Earth Science				1						1
Economics	4	5		6			1	1	1	18
Electrical Engineering									13	13
English	11			4			2	3	1	21
Environmental Sci.				6		2	3			11
Envi. Sustain. Studies	2			2			2			6
Film & Video Studies	1			8						9

Major at GMU	NOVA Credential									Total
	Liberal Arts, A.A.	Business Admin., A.S.	Comp. Sci., A.S.	General Studies, A.S.	Info. Tech., A.S.	Science, A.S.	Social Sci., A.S.	Gen. Ed., Cert.	Other	
Finance		49		6				3		58
Foreign Languages				1		1		1		3
Forensic Accounting		1								1
Forensic Science				5		1				6
Geography							2			2
Geology				1		1				2
Global Affairs	13	1	1	9			3	2	1	30
Govt. Intl. Politics	7			19			20	6		52
Guest Matriculant				1		1				2
Health Administration		3		31		1	6	3	2	46
Health Fitness Rec. Resrcs.		1		4				1	1	7
History	14			6			2	1		23
Human Dev. & Family Science				8			2	1		11
Individualized Study	1	1		6	1		3	3	10	25
Info. Syst. Ops. Mgmt.	1	90		12	5			5	2	115
Information Tech.	1	6	9	31	136	3	2	12	6	206
Integrative Studies	7	1		23			42	10	1	84
Kinesiology			1	21		2		1		25
Management	1	73		10		1	1	4	2	92
Marketing		29		10		1	1	6		47
Mathematics	2			2		11		3		18
Mechanical Engr.									17	17
Med. Laboratory Sci.		1		5		2				8
Music									3	3
Neuroscience				3		7		2		12
Nursing				53		5			6	64
Philosophy				1						1
Physical Education				7			1	1		9
Physics				1		5		1		7
Psychology	25	2		26			56	9		118
Public Administration	1	2		1			2	1		7
Rehabilitation Sci.				4		1				5
Russian Eurasian Studies	1									1
Social Work	2			8			21			31
Sociology	2		1	3	1		4			11
Statistics				1		1				2
Systems Engineering									2	2
Theatre	1			3						4
Tourism & Events Mgmt.	1	3		15				1		20
Undeclared		1	9	14	1	4	1	1	19	50
Total	**134**	**374**	**103**	**571**	**147**	**130**	**196**	**102**	**162**	**1,919**

Source: NSC

Virginia Commonwealth University

Of the NOVA graduates who transferred to VCU in 2018-19, 86 percent (157 students) earned one of the six credentials listed in Table 6. After the General Studies, A.S., the most popular NOVA degrees were the Science, A.S. and Social Sciences, A.S.

- Among transfers with the A.S. in Science, 60 percent (18 students) enrolled in Biology at VCU.
- Among transfers with the A.S. in Social Sciences, 30 percent (9 students) enrolled in Psychology, 13 percent (4 students) enrolled in Criminal Justice, and 13 percent (4 students) enrolled in Mass Communications.

Table 6. NOVA Credential and Subsequent Major at VCU: 2018-19 Transfers

Major at VCU	NOVA Credential							Total
	Liberal Arts, A.A.	Business Admin., A.S.	General Studies, A.S.	Science, A.S.	Soc. Sciences, A.S.	Gen. Ed., Cert.	Other	
Accounting		1						1
Anthropology	1							1
Art Foundation	1		1					2
Art History							1	1
Bioinformatics			1	1				2
Biology			6	18	1	3		28
Business		8					1	9
Business Foundation		15				5	9	29
Chem. Life Sci. Engineering							1	1
Chemistry				1				1
Cinema	1					1		2
Clinical Laboratory Sciences							1	1
Clinical Radiation Sciences						1		1
Computer Science							3	3
Criminal Justice		1	3	1	4		1	10
Dental Hygiene				1				1
English	3					2	1	6
Environmental Studies				2				2
Fashion			2					2
Forensic Science				1				1
History			1					1
Hlth. Phys. Ed. Exercise Sci.			4	1				5
Homeland Sec. Emerg. Prep.					1	1		2
Interdisciplinary Studies							1	1
International Studies	4				1			5
Lib. Studies Early Elem. Ed Fndtn.					1			1
Marketing		1				1		2
Mass Communications	2	1	1		4	2		10
Mathematical Sciences			1	1			2	4
Mechanical Engineering							3	3
Non Degree Holder						1		1
Nursing			1	1	1			3

Major at VCU	NOVA Credential							Total
	Liberal Arts, A.A.	Business Admin., A.S.	General Studies, A.S.	Science, A.S.	Soc. Sciences, A.S.	Gen. Ed., Cert.	Other	
Photography & Film							1	1
Physics			1					1
Political Science	1		1		2			4
Pre-Dental Hygiene				1	1			2
Psychology	1	1	7		9	2	1	21
Science			1	1				2
Social Work Lower Div.			1		3	1		5
Sociology					1			1
Theatre Foundation	1							1
Undeclared Hum. Sciences			1					1
Urban Regional Studies		1			1			2
Total	**15**	**29**	**33**	**30**	**30**	**20**	**26**	**183**

Source: NSC

George Washington University

Of the 112 NOVA graduates who enrolled at GWU in 2018-19, 91 (81 percent) earned one of the four NOVA credentials presented in Table 7.

- Cybersecurity; Integrated Information, Science, and Technology; and nursing-related programs were the most popular majors at GWU.

Table 7. NOVA Credential and Subsequent Major at GWU: 2018-19 Transfers

Major at GWU	NOVA Credential					Total
	General Studies, A.S.	Information Tech., A.S.	Cybersecurity, A.A.S.	Nursing, A.A.S.	Other	
Adult-Gerontology Acute Care NP	1					1
Arts Sciences					1	1
Biomedical Informatics	1					1
Business Analytics					1	1
Chemistry					1	1
Clinical Research Admin.					1	1
Cybersecurity	2	15	29		2	48
Cybersecurity Policy Comp.					1	1
Exercise Science					1	1
Finance					1	1
Global Leadership in Disaster Resp.					1	1
Information Systems					1	1
Integrated Info. Science Tech.		21			4	25
International Affairs					1	1
Medical Laboratory Sciences	3				4	7
No Major					1	1
Nursing	1					1
Nursing Advancement	5			13		18
Grand Total	**13**	**36**	**29**	**13**	**21**	**112**

Source: NSC

Many NOVA students do not complete a degree or certificate before transferring to another institution. These students might have planned to enroll at NOVA for only a short time, or they may have changed their academic plans and goals during the course of their NOVA enrollment.

As shown in Table 3 (page 7), the most popular transfer institutions in 2018-19 among NOVA students who did not earn a credential before transferring were GMU (1,451 transfers), VCU (787 transfers), and JMU (748 transfers). The following tables explore the most popular majors at these institutions among transfers without a NOVA credential, which can help inform the creation of additional transfer pathways.

George Mason University

The largest percentage of NOVA students who transferred to GMU without a credential enrolled without declaring a major (178 students, 12 percent). Computer Science was the most popular major (104 students, 7 percent), followed by Information Technology (89 students, 6 percent) and Biology (87 students, 6 percent).

Table 8. Major at GMU for NOVA Transfers without a Credential: 2018-19 Transfers

Major at GMU	Number Enrolled	Percent Enrolled
Undeclared	178	12.3
Computer Science	104	7.2
Information Technology	89	6.1
Biology	87	6.0
Psychology	59	4.1
Information Systems Ops. Management	58	4.0
Criminology Law and Society	56	3.9
Nursing	54	3.7
Accounting	51	3.5
Integrative Studies	45	3.1
Government Intl. Politics	38	2.6
Management	35	2.4
Cyber Security Engineering	32	2.2
Communication	29	2.0
Civil and Infrastructure Engineering	27	1.9
Finance	26	1.8
Kinesiology	25	1.7
Community Health	24	1.7
Mechanical Engineering	24	1.7
Marketing	23	1.6
Art and Visual Technology	22	1.5
History	20	1.4
Global Affairs	19	1.3
Neuroscience	18	1.2
Computer Engineering	17	1.2

Major at GMU	Number Enrolled	Percent Enrolled
English	16	1.1
Computer Game Design	15	1.0
Individualized Study	15	1.0
Chemistry	14	1.0
Economics	12	0.8
Health Administration	11	0.8
Electrical Engineering	10	0.7
Forensic Science	10	0.7
Theatre	10	0.7
Other	178	12.3
Total	**1,451**	**100.0**

Note: Other includes majors with fewer than 10 transfer enrollments.
Source: NSC.

Virginia Commonwealth University

The most popular major at VCU among NOVA transfers without a credential in 2018-19 was Biology (118 students, 15 percent). Business and Nursing were among the top three majors (13 percent and 7 percent, respectively).

Table 9. Major at VCU for NOVA Transfers without a Credential: 2018-19 Transfers

Major at VCU	Number Enrolled	Percent Enrolled
Biology	118	15.0
Undeclared Human Sciences	103	13.1
Business Foundation	99	12.6
Pre Nursing	53	6.7
Art Foundation	42	5.3
Psychology	39	5.0
Health Phys. Ed Exercise Sci.	35	4.4
Mass Communications	26	3.3
Criminal Justice	25	3.2
Biomedical Engineering	21	2.7
Chemistry	16	2.0
Mechanical Engineering	14	1.8
Science	14	1.8
Political Science	13	1.7
Social Work Lower Div.	11	1.4
Lib. Studies Early Elem. Ed. Foundation	10	1.3
Other	148	18.8
Total	**787**	**100.0**

Note: Other includes majors with fewer than 10 transfer enrollments.
Source: NSC.

James Madison University

Most NOVA transfers without a credential who enrolled at JMU did not declare a major (242 students, 32 percent). The most popular major at JMU among NOVA students who transferred without a credential in 2018-19 was Nursing (46 students, 6 percent). Four percent of students enrolled in both Marketing and Computer Science (32 and 30 students, respectively).

Table 10. Major at JMU for NOVA Transfers without a Credential: 2018-19 Transfers

Major at JMU	Number Enrolled	Percent Enrolled
Undeclared/Unknown	242	32.4
Nursing	46	6.1
Marketing	32	4.3
Computer Science	30	4.0
Finance	27	3.6
Psychology	27	3.6
Biology	22	2.9
Management	22	2.9
Interdisc. Liberal Studies	20	2.7
Health Sciences	19	2.5
Computer Info Systems	18	2.4
Engineering	15	2.0
Intelligence Analysis	13	1.7
International Affairs	12	1.6
Kinesiology	12	1.6
Psychology	12	1.6
Accounting	11	1.5
Physics	10	1.3
Other	158	21.1
Total	**748**	**100.0**

Note: Other includes majors with fewer than 10 transfer enrollments.
Source: NSC.

Conclusion

As NOVA works to better understand student transfer behavior and seeks to facilitate the transfer process, it is imperative that the College strive to prepare students for their education beyond NOVA. The data presented in this report showed the variety of diverse institutions that NOVA students attend upon transferring, as well as the unique majors in which they enroll.

It is essential for NOVA stakeholders to gain further insight into the transfer trends and patterns of the College's students. This report shows that the number of NOVA students who transfer-out has increased recently, and that the number of transfer-out students who identify as being of minority race or ethnicity has also increased. However, the report also indicates that the number of NOVA students who earn a credential at the College before transferring has decreased substantially in recent years.

The analysis presented in this report provides extensive data regarding the transfer patterns of students who either graduate from NOVA before transferring or who leave NOVA without earning a degree. This information is intended to be helpful in further optimizing programs like the ADVANCE collaboration between NOVA and its most popular transfer institution, George Mason University, a program that shows early signs of success. Information about students' transfer patterns, including transfer with or without a credential, transfer institution, and major or program selection upon transfer can aid NOVA's faculty and staff in planning pathway improvements.

All students can benefit from having clear pathways when transferring from community college to four-year institutions. While not all students earn a credential before they transfer, research suggests that community college students who earn associate degrees may be better-positioned not only for transfer but also for their working lives beyond college. This is partly because students who transfer without first earning a degree may be unable to transfer all of the credits that they earned while attending community college.[1] Furthermore, sub-baccalaureate educational attainment in the form of earning degrees and other credentials is associated with higher lifetime earnings compared to earning a high school diploma only.[2] This research report has contributed to the field of analysis through an examination of transfer students' major selections while at the College, as well as their transfer patterns, either with or without a degree or credential, beyond their learning experiences at NOVA.

[1] Giani, M. S. (2019). The correlates of credit loss: How demographics, pre-transfer academics, and institutions relate to the loss of credits for vertical transfer students. *Research in Higher Education, 60,* 1113-1141. doi:10.1007/s11162-019-09548-w

[2] Kim, C. & Tamborini, C. R. (2019). Are they still worth it? The long-run earnings benefits of an associate degree, vocational diploma or certificate, and some college. *RSF: The Russell Sage Foundation Journal of the Social Sciences, 5,* 65-85. Retrieved from https://www.rsfjournal.org/content/rsfjss/5/3/64.full.pdf

Appendix A

Table A1. Number of NOVA Students Transferring into Public Four-Year Institutions: 2014-15 through 2018-19

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
George Mason University	2,629	2,603	2,899	3,192	3,373	28.3
Virginia Commonwealth University	677	708	795	825	970	43.3
James Madison University	358	503	567	751	847	136.6
Virginia Polytechnic Institute and State University	345	433	606	735	822	138.3
University of Virginia	282	273	270	377	395	40.1
Old Dominion University	249	266	251	261	272	9.2
University of Maryland - University College	156	161	183	194	175	12.2
University of Mary Washington	114	131	164	140	166	45.6
Radford University	244	201	169	163	161	-34.0
Christopher Newport University	62	90	127	155	156	151.6
College of William & Mary	56	59	76	82	129	130.4
West Virginia University	63	68	82	64	93	47.6
Longwood University	57	68	55	63	82	43.9
Arizona State University	33	30	56	57	75	127.3
Pennsylvania State University	46	54	59	63	66	43.5
University of South Carolina	18	27	40	49	56	211.1
University of Maryland - College Park	49	43	37	42	52	6.1
Norfolk State University	17	15	28	32	33	94.1
University of Pittsburgh	9	14	14	18	30	233.3
Virginia State University	28	36	30	34	30	7.1
University of The District of Columbia	73	57	42	44	29	-60.3
University of Tennessee	6	8	13	10	26	333.3
Coastal Carolina University	10	14	18	15	22	120.0
University of Alabama	12	16	29	34	22	83.3
Purdue University - West Lafayette	4	10	9	21	21	425.0
Shepherd University	21	22	19	16	21	0.0
University of Colorado Boulder	8	7	9	9	21	162.5
East Carolina University	20	19	21	23	19	-5.0
Clemson University	10	6	12	10	18	80.0
University of South Florida	8	9	8	5	17	112.5
Colorado State University	8	5	9	14	16	100.0
Louisiana State University - Ag	2	3	1	7	14	600.0
North Carolina State University	7	6	6	7	14	100.0
The Ohio State University	9	12	9	10	14	55.6
Georgia Institute of Technology	9	4	7	12	12	33.3
Temple University	4	3	14	15	12	200.0

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
University of Arizona	8	4	15	11	12	50.0
San Diego State University	3	4	9	6	11	266.7
Utah Valley University	6	1	2	5	11	83.3
Auburn University	5	5	4	10	10	100.0
Bowie State University	9	11	8	7	10	11.1
Broward College	6	10	6	4	10	66.7
College of Charleston	11	6	4	6	10	-9.1
Indiana University Bloomington	5	6	3	11	10	100.0
Morgan State University	3	4	8	5	10	233.3
Texas A&M University	7	2	6	5	10	42.9
Towson University	7	10	14	10	10	42.9
University of Michigan	6	3	6	8	10	66.7
University of Texas Arlington	8	6	7	12	10	25.0
Virginia Military Institute	12	6	9	17	10	-16.7
California State University - Fullerton	6	2	1	0	9	50.0
College of Southern Nevada	7	6	8	7	9	28.6
Oregon State University	2	4	6	2	9	350.0
University of Delaware	11	7	3	5	9	-18.2
University of Florida	4	5	11	8	9	125.0
Utah State University	2	3	2	4	9	350.0
Valencia College	12	10	15	9	9	-25.0
California University of Pennsylvania	4	1	0	1	8	100.0
Georgia State University	2	1	3	11	8	300.0
North Carolina A&T State University	3	3	5	10	8	166.7
Pensacola State College	4	4	0	3	8	100.0
University of Central Florida	4	8	9	3	8	100.0
University of Mississippi	4	3	4	7	8	100.0
University of North Carolina - Charlotte	7	4	11	11	8	14.3
Florida State College At Jacksonville	7	7	5	4	7	0.0
Florida State University	5	2	8	7	7	40.0
Miami University	3	2	6	3	7	133.3
Palm Beach State College	4	8	4	7	7	75.0
University of Minnesota-Twin Cities Graduate	4	3	5	5	7	75.0
University of Oklahoma	2	4	3	4	7	250.0
University of Vermont & State Agricultural College	3	1	6	7	7	133.3
Appalachian State University	2	11	2	6	6	200.0
Kent State University	5	5	3	6	6	20.0
University of Kentucky	9	6	8	10	6	-33.3
University of Maryland - Baltimore	2	10	4	4	6	200.0
University of North Carolina-Chapel Hill	7	7	9	4	6	-14.3

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
University of North Carolina-Greensboro	2	3	2	3	6	200.0
University of North Texas	4	6	8	3	6	50.0
University of Texas - San Antonio	2	2	5	9	6	200.0
University of Wisconsin - Madison	3	4	5	4	6	100.0
Austin Peay at Fort Campbell	2	3	1	3	5	150.0
California State University - East Bay	1	2	2	2	5	400.0
Eastern Kentucky University	4	4	2	7	5	25.0
Florida International University	10	10	3	7	5	-50.0
Marshall University Huntington	3	2	3	12	5	66.7
Metropolitan State University of Denver	3	0	4	4	5	66.7
Miami Dade College	11	5	5	9	5	-54.5
Michigan State University	5	2	4	3	5	0.0
Middle Tennessee State University	5	4	4	1	5	0.0
Northern Arizona University	5	2	3	2	5	0.0
Rutgers - The State University of NJ - Newark	2	5	6	11	5	150.0
San Jose State University	1	4	3	2	5	400.0
St Petersburg College	5	7	6	5	5	0.0
Thomas Edison State University	7	3	6	6	5	-28.6
University of Cincinnati	6	8	10	8	5	-16.7
University of Colorado Denver	5	4	3	2	5	0.0
University of Georgia	2	3	6	5	5	150.0
University of Massachusetts At Amherst	3	4	3	2	5	66.7
University of Massachusetts Lowell	2	2	2	2	5	150.0
University of New Mexico	2	3	6	2	5	150.0
University of North Carolina-Wilmington	9	6	9	9	5	-44.4
University of Washington - Seattle	3	3	4	4	5	66.7
Bowling Green State University	0	1	1	2	4	-
California State University - Long Beach	3	0	1	0	4	33.3
California State University - San Marcos	2	5	2	1	4	100.0
Clarion University of Pennsylvania	2	3	5	1	4	100.0
CUNY City College	4	0	1	1	4	0.0
Delaware State University	1	5	2	5	4	300.0
Eastern Florida State College	7	4	4	1	4	-42.9
Florida Gulf Coast University	0	3	0	3	4	-
Georgia Southern University	0	0	4	1	4	-
Indiana University of Pennsylvania	6	9	4	5	4	-33.3
Ohio University	7	4	9	8	4	-42.9
Pennsylvania College of Technology	2	3	1	2	4	100.0
Portland State University	3	3	6	3	4	33.3
Santa Fe College	4	4	4	3	4	0.0

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Shippensburg University	3	2	2	5	4	33.3
SUNY Stony Brook University	3	3	3	3	4	33.3
Texas State University - San Marcos	5	3	2	6	4	-20.0
University of California-San Diego	0	3	7	2	4	-
University of Colorado - Colorado Springs	4	3	5	4	4	0.0
University of Connecticut	1	3	0	1	4	300.0
University of Hawaii At Manoa	1	5	0	2	4	300.0
University of Houston	9	7	7	4	4	-55.6
University of Kansas	1	3	8	0	4	300.0
University of Nevada Las Vegas	6	0	8	2	4	-33.3
University of Utah	5	4	6	4	4	-20.0
Winston Salem State University	2	2	1	0	4	100.0
Adams State University	17	9	2	3	3	-82.4
California State University - Chico	0	0	0	0	3	-
California State University - Monterey Bay	0	0	2	0	3	-
California State University - Sacramento	1	0	1	1	3	200.0
Cleveland State University	2	1	0	2	3	50.0
Coppin State University	1	2	0	1	3	200.0
Daytona State College	7	2	5	1	3	-57.1
Fairmont State University	3	2	3	4	3	0.0
Frostburg State University	5	4	4	9	3	-40.0
Mississippi State University	1	5	4	1	3	200.0
North Seattle College	1	6	0	1	3	200.0
Northern Vermont University	0	1	0	1	3	-
San Francisco State University	5	3	3	2	3	-40.0
Seattle Central College	1	2	1	5	3	200.0
Slippery Rock University	4	2	4	1	3	-25.0
SUNY College of Environmental	0	2	1	0	3	-
The University of Memphis	3	2	1	2	3	0.0
University of Illinois at Urbana	2	3	10	9	3	50.0
University of Illinois at Chicago	2	4	2	6	3	50.0
University of Maine - Orono	3	1	0	1	3	0.0
University of Maryland - Baltimore County	9	6	9	5	3	-66.7
University of Maryland Eastern Shore	6	6	1	5	3	-50.0
University of North Carolina Asheville	1	0	0	2	3	200.0
University of Texas At Dallas	5	4	3	3	3	-40.0
Washington State University	2	1	1	3	3	50.0
Wayne State University	0	1	2	0	3	-
Weber State University	0	2	1	5	3	-
Western Michigan University	0	2	2	2	3	-

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Alabama A & M University	0	3	0	0	2	-
Athens State University	0	0	0	0	2	-
Auburn University At Montgomery	0	1	3	1	2	-
Boise State University	6	2	4	2	2	-66.7
California Polytechnic State University	3	0	0	3	2	-33.3
California State University- Northridge	2	4	2	1	2	0.0
Central Michigan University	2	0	1	1	2	0.0
CUNY Grad School & Univ Center-Sch. Prof Stud.	0	0	0	1	2	-
CUNY Hunter College	2	3	0	3	2	0.0
CUNY New York City College of Technology	4	1	2	4	2	-50.0
CUNY Queens College	1	1	0	1	2	100.0
Dakota State University	1	0	1	1	2	100.0
East Georgia State College - Augusta	0	0	0	1	2	-
Edinboro University of Pennsylvania	2	1	0	0	2	0.0
Florida Atlantic University	3	2	4	3	2	-33.3
Florida Southwestern State College	2	3	5	1	2	0.0
Fort Lewis College	1	1	0	0	2	100.0
Framingham State University	0	0	1	1	2	-
Georgia Gwinnett College	4	0	0	1	2	-50.0
Glenville State College	1	0	3	1	2	100.0
Grambling State University	0	1	0	0	2	-
Indian River State College	3	2	4	4	2	-33.3
Kansas State University	1	1	4	1	2	100.0
Kean University	2	2	1	0	2	0.0
Kutztown University	0	1	3	1	2	-
Lander University	0	0	1	0	2	-
Midland College	1	1	0	0	2	100.0
Millersville University of Pennsylvania	0	1	5	0	2	-
North Carolina Central University	0	2	1	1	2	-
Northern Illinois University	1	1	0	1	2	100.0
Northern Michigan University	1	1	0	0	2	100.0
Olympic College	1	1	1	1	2	100.0
Plymouth State University	0	0	0	0	2	-
Polk State College	0	2	2	0	2	-
Rowan University	2	0	0	0	2	0.0
Salisbury University	3	3	2	6	2	-33.3
Southeastern Louisiana University	1	0	0	0	2	100.0
Southern Connecticut State University	0	0	0	0	2	-
St Mary's College of Maryland	3	0	2	3	2	-33.3
State College of Florida Manatee-Sarasota	1	3	0	0	2	100.0

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
SUNY Empire State College	1	3	0	0	2	100.0
SUNY Fashion Institute of Technology	3	2	0	2	2	-33.3
SUNY University At Albany	4	0	1	0	2	-50.0
University of Alaska Anchorage	1	1	1	2	2	100.0
University of Baltimore	4	2	4	4	2	-50.0
University of California - Riverside	1	1	0	0	2	100.0
University of California-Davis	0	1	0	7	2	-
University of California-Los Angeles	3	3	4	7	2	-33.3
University of Hawaii At Hilo	0	2	0	0	2	-
University of Louisville	5	1	3	2	2	-60.0
University of Massachusetts-Dartmouth	1	0	0	0	2	100.0
University of Missouri-Kansas City	1	1	2	1	2	100.0
University of Montana	2	0	2	3	2	0.0
University of Nebraska Medical Center	0	0	0	0	2	-
University of Nevada-Reno	1	0	0	0	2	100.0
University of New Hampshire- Durham	1	0	2	4	2	100.0
University of North Dakota	3	5	3	1	2	-33.3
University of Oregon	5	1	3	4	2	-60.0
University of Rhode Island	2	1	2	2	2	0.0
University of Texas At El Paso	1	3	2	1	2	100.0
University of Texas of The Permian Basin	0	0	0	2	2	-
University of VA College At Wise	8	3	8	4	2	-75.0
West Chester University	1	0	3	1	2	100.0
Western Washington University	0	2	0	2	2	-
Angelo State University	0	0	1	1	1	-
Atlanta Metropolitan State College	1	0	0	0	1	0.0
Ball State University	2	0	1	0	1	-50.0
Bloomsburg University of Pennsylvania	0	0	2	2	1	-
Bridgewater State University	0	1	0	0	1	-
California State Polytechnic	1	0	2	1	1	0.0
California State University - Channel Islands	1	1	0	0	1	0.0
California State University - Bakersfield	1	0	0	0	1	0.0
California State University - Dominguez Hills	1	0	1	0	1	0.0
California State University - Fresno	4	0	0	0	1	-75.0
Charter Oak State College	0	0	0	0	1	-
Clayton State University	1	0	0	1	1	0.0
Clover Park Technical College	0	0	1	0	1	-
Colorado Mountain College	1	1	1	3	1	0.0
Colorado State University - Pueblo	0	0	0	0	1	-
CUNY Brooklyn College	0	1	2	0	1	-

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
CUNY York College	0	1	0	0	1	-
Delta State University	0	0	0	1	1	-
East Central University	0	0	0	0	1	-
East Tennessee State University	1	1	3	3	1	0.0
Eastern Michigan University	5	2	1	0	1	-80.0
Eastern Oregon University	0	0	0	0	1	-
Elizabeth City State University	0	3	0	1	1	-
Fayetteville State University	0	1	1	5	1	-
Florida A&M University	0	2	0	1	1	-
Fort Hays State University	3	6	4	4	1	-66.7
Grand Valley State University	0	1	1	1	1	-
Granite State College	0	1	0	0	1	-
Indiana State University	0	1	2	3	1	-
Indiana University East	1	1	2	0	1	0.0
Indiana University Purdue University Indianapolis	4	1	2	6	1	-75.0
Iowa State University	5	2	1	6	1	-80.0
Jackson State University	0	2	0	1	1	-
Kennesaw State University	6	2	2	3	1	-83.3
Kentucky State University	0	0	0	1	1	-
Lamar University - Beaumont	0	1	0	2	1	-
Lincoln University	1	2	0	3	1	0.0
Lock Haven University	0	1	1	0	1	-
Louisiana Tech University	0	1	1	0	1	-
Massachusetts College of Art	0	0	0	0	1	-
Medical University of South Carolina	1	0	0	0	1	0.0
Metropolitan State University	1	1	3	0	1	0.0
Middle Georgia State University	0	2	1	0	1	-
Midwestern State University	3	0	0	0	1	-66.7
Minnesota State University - Mankato	0	0	0	1	1	-
Minnesota State University Moorhead	1	0	0	0	1	0.0
Missouri University of Science And Technology	0	0	0	1	1	-
Montana State University - Bozeman	1	1	6	2	1	0.0
Nevada State College	0	0	0	0	1	-
New Jersey Institute of Technology	1	1	1	0	1	0.0
Nicholls State University	0	1	0	0	1	-
North Dakota State University	0	1	0	2	1	-
Northeastern Illinois University	0	1	0	0	1	-
Northwest Florida State College	1	1	4	1	1	0.0
Northwest Missouri State University	0	0	0	0	1	-
Oklahoma State University - Stillwater/Tulsa	1	4	2	3	1	0.0

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Peninsula College	0	2	0	0	1	-
Purdue University Fort Wayne	0	1	1	0	1	-
Ryerson University	0	0	0	0	1	-
Salem State University	0	0	1	2	1	-
Sam Houston State University	3	1	0	4	1	-66.7
Seminole State College of Florida	6	3	3	3	1	-83.3
Southeast Missouri State University	0	1	1	0	1	-
Southeastern Oklahoma State University	0	0	0	2	1	-
Southern Illinois University Carbondale	3	1	2	0	1	-66.7
Southern University And A&M College	0	0	0	0	1	-
St Cloud State University	1	1	1	3	1	0.0
St Johns River Community College	2	4	0	1	1	-50.0
Stockton University	0	0	0	0	1	-
SUNY Maritime College	0	0	0	1	1	-
SUNY Purchase College	0	0	0	1	1	-
SUNY Upstate Medical University	0	0	1	0	1	-
Tarleton State University	0	1	0	2	1	-
Tennessee State University	1	0	1	1	1	0.0
Tennessee Technological University	0	1	0	0	1	-
Texas A&M University - Commerce	4	1	0	5	1	-75.0
Texas A&M University - Corpus Christi	1	1	5	2	1	0.0
Texas Tech University Lubbock	3	0	2	1	1	-66.7
Texas Woman's University	1	2	2	1	1	0.0
The Citadel Military College of South Carolina	1	1	1	1	1	0.0
The State University of NY - College at Buffalo	3	0	0	1	1	-66.7
The University of Alabama In Huntsville	1	0	0	2	1	0.0
University of Arkansas - Fort Smith	1	0	0	2	1	0.0
University of Arkansas At Monticello	0	0	0	0	1	-
University of California - Berkeley	2	1	2	8	1	-50.0
University of California - Merced	1	1	0	0	1	0.0
University of Hawaii At West Oahu	0	0	0	1	1	-
University of Houston-Downtown	1	1	1	2	1	0.0
University of Houston-Victoria	0	0	0	0	1	-
University of Idaho	0	1	0	0	1	-
University of Illinois at Springfield	1	1	1	1	1	0.0
University of Iowa	2	3	4	4	1	-50.0
University of Louisiana Lafayette	19	11	6	4	1	-94.7
University of Maine Presque Isle	0	0	0	0	1	-
University of Massachusetts Boston	4	0	3	6	1	-75.0
University of Michigan Dearborn	0	0	1	1	1	-

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
University of Minnesota-Duluth Undergraduate	1	0	0	0	1	0.0
University of Missouri-Columbia	3	2	3	1	1	-66.7
University of Nebraska At Omaha	4	1	1	1	1	-75.0
University of Nebraska-Lincoln	2	0	3	1	1	-50.0
University of North Carolina-Pembroke	1	0	1	0	1	0.0
University of North Georgia	0	1	0	1	1	-
University of North Texas At Dallas	0	0	0	1	1	-
University of South Alabama	0	1	1	1	1	-
University of South Carolina Upstate	1	1	1	0	1	0.0
University of Southern Indiana	0	1	0	2	1	-
University of Southern Mississippi	2	3	3	3	1	-50.0
University of Tennessee Chattanooga	1	3	2	1	1	0.0
University of Texas At Austin	3	1	4	0	1	-66.7
University of Texas Health Science Center Houston	0	0	0	0	1	-
University of The Virgin Islands	1	0	0	1	1	0.0
University of Toledo	2	1	1	0	1	-50.0
University of West Florida	3	0	3	5	1	-66.7
University of Wisconsin - Milwaukee	0	1	2	3	1	-
University of Wisconsin - Oshkosh	0	0	0	0	1	-
University of Wisconsin - Stevens Point	0	1	1	0	1	-
Valdosta State University	1	2	1	1	1	0.0
West Liberty University	2	0	0	0	1	-50.0
West Virginia State University	0	1	1	1	1	-
West Virginia University at Parkersburg	1	0	0	0	1	0.0
Western Carolina University	1	0	1	2	1	0.0
Western Kentucky University	2	2	3	1	1	-50.0
Wichita State University	0	1	1	3	1	-
William Paterson University of New Jersey	0	0	1	0	1	-
Winthrop University	0	1	0	1	1	-
Wright State University	1	1	1	1	1	0.0
Youngstown State University	0	1	1	4	1	-
Alfred State College	1	0	0	1	0	-100.0
Arkansas State University	1	0	0	1	0	-100.0
Arkansas Tech University	0	1	0	0	0	-
Armstrong State University	2	0	1	1	0	-100.0
Augusta University	3	0	0	3	0	-100.0
Bangor University	0	0	1	0	0	-
Bellevue College	2	2	4	2	0	-100.0
Bismarck State College	1	0	1	0	0	-100.0
Black Hills State University	0	1	0	1	0	-

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Bluefield State College	0	1	0	0	0	-
Brazosport College	1	0	0	0	0	-100.0
California State University - Los Angeles	4	0	1	1	0	-100.0
California State University - San Bernardino	1	2	0	0	0	-100.0
California State University - Stanislaus	2	0	0	1	0	-100.0
Cameron University	0	1	0	0	0	-
Castleton University	0	0	0	1	0	-
Central Connecticut State University	1	2	1	0	0	-100.0
Central State University-Oh	0	1	0	1	0	-
Central Washington University	1	0	2	1	0	-100.0
Centralia College	0	0	0	1	0	-
Chicago State University	1	0	0	0	0	-100.0
Chipola College	0	0	2	0	0	-
College of Central Florida	3	0	1	3	0	-100.0
College of Coastal Georgia	2	0	2	1	0	-100.0
Colorado Mesa University	2	1	0	1	0	-100.0
Colorado School of Mines	0	1	0	2	0	-
Colorado State University - Global Campus	14	0	0	0	0	-100.0
Columbia Basin College	0	0	1	0	0	-
Columbus State University	0	0	0	2	0	-
Concord University	1	1	0	3	0	-100.0
CUNY Bernard M. Baruch College	1	6	0	2	0	-100.0
CUNY College of Staten Island	0	1	1	1	0	-
CUNY John Jay College of Criminal Justice	0	2	0	1	0	-
CUNY Medgar Evers College	1	1	0	0	0	-100.0
Dickinson State University	0	0	1	2	0	-
Dixie State University	0	0	1	0	0	-
East Stroudsburg University	1	1	0	0	0	-100.0
Eastern New Mexico University	0	0	0	1	0	-
Eastern Virginia Medical School	2	0	0	0	0	-100.0
Emporia State University	1	0	0	0	0	-100.0
Ferris State University	2	1	1	1	0	-100.0
Fitchburg State University	0	1	0	2	0	-
Fort Valley State University	0	0	0	1	0	-
Georgia College And State University	1	0	0	0	0	-100.0
Georgia Highlands College	0	0	1	0	0	-
Georgia Southwestern State University	1	0	0	0	0	-100.0
Gordon State College	0	0	1	0	0	-
Great Basin College	0	0	0	1	0	-
Green River Community College	0	2	0	1	0	-

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Gulf Coast State College	2	1	1	4	0	-100.0
Haskell Indian Nations University	0	0	1	0	0	-
Henderson State University	0	0	0	1	0	-
Highline College	0	0	3	0	0	-
Humboldt State University	2	0	0	1	0	-100.0
Idaho State University	1	1	2	3	0	-100.0
Indiana University South Bend	0	1	0	0	0	-
Indiana University Southeast	0	1	0	0	0	-
Jackson College	0	1	0	2	0	-
Lake Superior State University	0	0	1	0	0	-
Lake Washington Institute of Technology	0	0	1	0	0	-
Lake-Sumter State College	3	0	0	0	0	-100.0
Lincoln University	1	0	0	0	0	-100.0
LSU School of Allied Health Professions	0	0	1	0	0	-
Lyndon State College	0	0	1	0	0	-
Madison Area Technical College	1	0	0	0	0	-100.0
Mansfield University	1	0	0	0	0	-100.0
Massachusetts Maritime Academy	1	0	0	0	0	-100.0
Mayville State University	0	0	1	0	0	-
McNeese State University	1	0	0	0	0	-100.0
Michigan Technological University	0	1	2	0	0	-
Minot State University	1	0	1	0	0	-100.0
Mississippi University For Women	1	0	0	0	0	-100.0
Missouri State University	0	1	2	2	0	-
Missouri Western State Univ.	0	0	1	0	0	-
Montana State University - Northern	0	0	1	0	0	-
Montclair State University	5	0	0	2	0	-100.0
Morehead State University	3	0	0	0	0	-100.0
Murray State University	0	1	1	1	0	-
New College of Florida	0	1	0	1	0	-
New Jersey City University	0	1	0	0	0	-
New Mexico Highlands University	0	0	0	1	0	-
New Mexico State University-Main	1	1	1	1	0	-100.0
Northern Kentucky University	1	5	2	1	0	-100.0
Northwest Indian College	0	0	1	0	0	-
Northwestern Michigan College	0	1	0	0	0	-
Northwestern State University	1	4	0	1	0	-100.0
Oakland University	1	0	2	2	0	-100.0
Oklahoma Panhandle State University	0	1	0	0	0	-
Oklahoma State University - Oklahoma City	0	2	0	0	0	-

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Oregon Institute of Technology	1	1	0	1	0	-100.0
Pasco-Hernando State College	0	3	1	0	0	-
Prairie View A&M University	0	0	3	2	0	-
Purdue University Northwest	1	0	1	1	0	-100.0
Rhode Island College	0	1	0	0	0	-
Saginaw Valley State University	0	0	0	1	0	-
Savannah State University	0	0	0	1	0	-
Shawnee State University	0	1	0	0	0	-
Skagit Valley College	0	1	0	0	0	-
Snow College	0	1	0	0	0	-
Sonoma State University	1	0	3	1	0	-100.0
South Carolina State University	2	0	0	1	0	-100.0
South Dakota School of Mines	0	0	2	2	0	-
South Dakota State University	2	0	2	2	0	-100.0
South Florida State College	0	2	0	0	0	-
South Georgia State College	0	0	0	1	0	-
South Seattle College	2	1	0	2	0	-100.0
South Texas College	2	1	0	0	0	-100.0
Southern Arkansas University	1	0	1	0	0	-100.0
Southern Illinois University Edwardsville	1	1	0	1	0	-100.0
Southern Utah University	0	0	2	1	0	-
State University of New York At Fredonia	0	1	0	1	0	-
Stephen F. Austin State University	1	1	1	0	0	-100.0
Sul Ross State University	0	1	0	0	0	-
SUNY Binghamton	0	0	0	2	0	-
SUNY College - Brockport	3	2	0	0	0	-100.0
SUNY College - Cortland	1	0	1	0	0	-100.0
SUNY College - Geneseo	0	0	1	0	0	-
SUNY College - Old Westbury	0	1	0	0	0	-
SUNY College Plattsburgh	1	0	1	1	0	-100.0
SUNY Farmingdale	0	1	0	0	0	-
SUNY Morrisville	0	1	1	1	0	-
SUNY Polytechnic Institute	0	0	0	1	0	-
SUNY University At Buffalo	3	1	2	3	0	-100.0
Texas A&M University- Central Texas	0	1	0	3	0	-
Texas A&M University- San Antonio	0	4	0	0	0	-
Texas A&M University- San Antonio	0	0	1	3	0	-
The Evergreen State College	3	3	1	0	0	-100.0
The University of Louisiana - Monroe	1	0	0	2	0	-100.0
Troy University	2	5	3	3	0	-100.0

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
University of Akron	0	1	1	3	0	-
University of Alabama Birmingham-Traditional	0	0	3	3	0	-
University of Alaska - Fairbanks	1	1	0	0	0	-100.0
University of Alaska - Southeast	1	1	0	0	0	-100.0
University of Arkansas At Fayetteville	1	1	2	1	0	-100.0
University of Arkansas At Little Rock	1	2	1	1	0	-100.0
University of Arkansas At Pine Bluff	1	0	0	0	0	-100.0
University of California - Hastings College of Law	0	1	0	0	0	-
University of California - Irvine	0	0	2	4	0	-
University of California-Santa Barbara	1	2	1	1	0	-100.0
University of California-Santa Cruz	0	1	2	0	0	-
University of Central Arkansas	0	0	1	0	0	-
University of Central Missouri	1	1	0	0	0	-100.0
University of Central Oklahoma	0	1	1	0	0	-
University of East London	0	0	0	1	0	-
University of Guam	0	0	1	0	0	-
University of Houston-Clear Lake	0	1	0	0	0	-
University of Maine Farmington	0	0	1	0	0	-
University of Michigan Flint	1	0	0	0	0	-100.0
University of Minnesota - Crookston	1	0	0	0	0	-100.0
University of Minnesota - Morris	1	0	0	0	0	-100.0
University of Missouri-St Louis	0	1	0	0	0	-
University of New Orleans	2	1	0	2	0	-100.0
University of North Alabama	3	0	3	0	0	-100.0
University of North Florida	0	2	4	1	0	-
University of Northern Colorado	2	2	1	1	0	-100.0
University of Northern Iowa	0	0	0	2	0	-
University of Puerto Rico-Arecibo	0	0	1	0	0	-
University of Puerto Rico-Med. Sciences Campus	0	1	0	0	0	-
University of Puerto Rico-Ponce	0	1	0	0	0	-
University of South Carolina - Aiken	0	0	1	3	0	-
University of South Carolina Beaufort	1	4	3	0	0	-100.0
University of South Dakota	1	2	0	0	0	-100.0
University of Southern Maine	3	3	0	2	0	-100.0
University of Tennessee - Martin	1	1	1	0	0	-100.0
University of Texas Md Anderson Cancer Center	0	1	0	0	0	-
University of Texas - Rio Grande Valley	0	1	1	3	0	-
University of Texas At Tyler	1	1	0	1	0	-100.0
University of Texas Health Science Center San Ant	0	0	0	3	0	-
University of Texas- TSC	1	0	0	0	0	-100.0

Public Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
University of Wisconsin - La Crosse	0	0	0	1	0	-
University of Wisconsin - Platteville	1	0	1	0	0	-100.0
University of Wisconsin - River Falls	0	0	0	1	0	-
University of Wisconsin - Stout	1	2	1	0	0	-100.0
University of Wisconsin - Superior	0	0	1	0	0	-
University of Wisconsin - Whitewater	0	1	0	0	0	-
University of Wyoming	3	0	0	2	0	-100.0
Vincennes University	0	1	1	1	0	-
Washburn University	1	0	0	1	0	-100.0
West Texas A&M University	0	1	1	1	0	-
Western Connecticut State University	0	0	0	1	0	-
Western Illinois University	0	0	0	1	0	-
Western Nevada College	0	1	1	0	0	-
Western New Mexico University	0	0	0	1	0	-
Western Oregon University	0	0	0	1	0	-
Western State Colorado University	1	0	0	3	0	-100.0
Westfield State University	1	1	0	0	0	-100.0
Yakima Valley Community College	0	0	1	0	0	-
Total	**6,578**	**6,765**	**7,576**	**8,480**	**9,200**	**39.9**

Source: NSC

Appendix B

Table B1. Number of NOVA Students Transferring into Private Four-Year Institutions: 2014-15 through 2018-19

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Liberty University	172	198	163	206	192	11.6
Marymount University	238	189	186	185	182	-23.5
George Washington University	130	112	139	171	171	31.5
Strayer University-Washington	212	182	206	194	168	-20.8
American Public University System	149	103	115	76	91	-38.9
Western Governors University	48	62	41	59	90	87.5
Southern New Hampshire University	46	51	55	48	70	52.2
Shenandoah University	70	84	65	72	66	-5.7
Chamberlain University	82	72	77	56	43	-47.6
Bridgewater College	10	7	16	30	42	320.0
University of Phoenix	100	61	52	43	41	-59.0
Grand Canyon University	20	19	17	14	34	70.0
Purdue University Global	43	27	16	21	31	-27.9
American University	45	44	35	42	27	-40.0
Ashford University	34	30	27	17	26	-23.5
Georgetown University - Grad School	23	28	29	18	25	8.7
New York University	11	10	11	12	24	118.2
Colorado Technical University	12	10	12	11	23	91.7
Howard University	27	22	15	35	23	-14.8
ECPI University	6	14	15	19	22	266.7
Embry-Riddle Aeronautical Univ.-Worldwide Campus	9	9	7	14	22	144.4
Regent University	8	9	18	13	22	175.0
Brigham Young University - Idaho Fall/Winter	13	20	19	24	21	61.5
Virginia Wesleyan College	4	6	10	5	19	375.0
Brigham Young University	8	9	11	15	17	112.5
Elon University	5	5	5	8	17	240.0
Excelsior College	14	17	32	17	17	21.4
The Catholic University of America	16	19	10	22	17	6.3
Park University	23	9	9	14	16	-30.4
Cornell University	5	8	7	9	15	200.0
University of Lynchburg	10	12	14	19	15	50.0
Columbia Southern University	24	15	17	12	14	-41.7
DeVry University	26	11	18	20	14	-46.2
Johns Hopkins University - Peabody	4	6	14	9	14	250.0
Drexel University	6	9	7	7	13	116.7
Roanoke College	6	5	9	15	13	116.7

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
University of Southern California	8	5	6	9	13	62.5
Savannah College of Art And Design	6	4	7	10	12	100.0
Mary Baldwin University	12	9	5	5	11	-8.3
Capella University	22	12	9	14	10	-54.5
Florida Institute of Technology	5	2	1	3	10	100.0
Hampden-Sydney College	4	0	3	6	10	150.0
Hampton University	5	5	10	8	10	100.0
Johnson & Wales University	5	6	10	14	10	100.0
University of Tampa	6	4	6	5	10	66.7
Villanova University	3	2	2	3	10	233.3
Goucher College	5	1	2	3	9	80.0
High Point University	6	3	6	5	9	50.0
National University	8	3	4	7	9	12.5
Franciscan University of Steubenville	1	3	8	4	8	700.0
Lafayette College	2	0	1	0	8	300.0
Massachusetts Institute of Technology	0	1	1	1	8	-
Syracuse University	3	6	8	11	8	166.7
Trinity Washington University	15	9	13	3	8	-46.7
Xavier University	0	2	1	2	8	-
Yale University	6	3	2	2	8	33.3
York College of Pennsylvania	1	3	6	5	8	700.0
Duke University	3	3	4	6	7	133.3
Trident University International	0	3	5	3	7	-
Walden University	14	8	9	11	7	-50.0
Boston University	7	5	6	11	6	-14.3
Columbia University	0	9	11	7	6	-
Culinary Institute of America	0	2	3	3	6	-
Hollins University	2	4	6	4	6	200.0
Hood College	5	0	0	4	6	20.0
Randolph-Macon College	4	8	8	7	6	50.0
Stevens-Henager - Independence University	3	1	7	7	6	100.0
University of Miami	4	3	4	5	6	50.0
University of Pennsylvania	2	6	3	5	6	200.0
University of Richmond	6	7	6	11	6	0.0
Virginia Union University	4	4	3	3	6	50.0
Wilmington University	2	4	3	7	6	200.0
Belmont University	5	3	6	6	5	0.0
Boston College	1	1	1	2	5	400.0
Brandman University	0	0	1	1	5	-
Brown University	1	4	4	7	5	400.0

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Carnegie Mellon University	2	4	5	10	5	150.0
Dartmouth College	0	5	3	3	5	-
Eastern Mennonite University	4	8	7	6	5	25.0
Grove City College	0	4	3	7	5	-
Harvard University	14	4	10	6	5	-64.3
Messiah College	3	2	2	5	5	66.7
Rensselaer Polytechnic Institute	2	3	2	3	5	150.0
Rochester Institute of Technology	9	3	7	6	5	-44.4
Stevenson University	4	7	2	1	5	25.0
Sweet Briar College	3	0	3	4	5	66.7
University of Rochester	1	4	1	0	5	400.0
Washington And Lee University	1	1	2	3	5	400.0
Academy of Art University	10	7	4	2	4	-60.0
American Intercontinental University	5	14	6	4	4	-20.0
Baylor University	2	1	4	3	4	100.0
Bluefield College	6	6	3	6	4	-33.3
Bryant & Stratton College - Richmond	4	2	2	4	4	0.0
Clark Atlanta University	2	1	1	0	4	100.0
Columbia College Adult8wk Undergrad	5	5	5	8	4	-20.0
Dickinson College	2	1	1	5	4	100.0
Duquesne University	1	0	0	6	4	300.0
Fordham University	2	3	3	2	4	100.0
Hofstra University	2	0	2	2	4	100.0
Jefferson College of Health Sciences	3	5	0	5	4	33.3
Lim College	2	0	1	3	4	100.0
McDaniel College	3	1	3	5	4	33.3
Mount St Mary's University	5	2	8	3	4	-20.0
Northeastern University	4	2	4	9	4	0.0
Pace University	3	2	2	9	4	33.3
Rasmussen College - Bloomington	2	4	3	4	4	100.0
Saint John's University	4	4	1	6	4	0.0
Saint Louis University	0	0	2	2	4	-
School of Visual Arts	0	3	0	2	4	-
Seton Hall University	2	1	1	2	4	100.0
St Joseph's University	2	1	1	2	4	100.0
The New School	1	1	2	4	4	300.0
Wake Forest University	1	0	3	2	4	300.0
Washington University	1	0	4	1	4	300.0
Belmont Abbey College	0	2	1	2	3	-
Calvin University	0	0	1	1	3	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Case Western Reserve University	1	1	0	4	3	200.0
Cedarville University	1	2	6	2	3	200.0
Champlain College	3	18	7	5	3	0.0
Chapman University-Orange	1	0	0	1	3	200.0
Denison University	1	1	1	0	3	200.0
Eckerd College	0	0	5	4	3	-
Emory & Henry College	3	0	4	5	3	0.0
Emory University	2	5	4	4	3	50.0
Ferrum College	7	6	11	7	3	-57.1
Greensboro College	1	1	0	0	3	200.0
Hamilton College	0	0	0	3	3	-
Landmark College	1	7	0	1	3	200.0
Loyola University Chicago	2	2	1	1	3	50.0
Marist College	1	1	1	1	3	200.0
Maryland Institute College of Art	1	2	1	5	3	200.0
Northwestern University	3	3	3	1	3	0.0
Post University - Accelerated Degree	4	6	3	2	3	-25.0
Queens University of Charlotte	2	0	0	0	3	50.0
Rose-Hulman Institute of Technology	2	1	1	0	3	50.0
Saint Francis University	0	1	0	0	3	-
Southeastern University	2	2	2	1	3	50.0
St John's College Undergrads	2	2	5	0	3	50.0
St. Olaf College	0	1	1	0	3	-
Stetson University	0	2	0	0	3	-
Suffolk University Boston	1	2	0	1	3	200.0
The Chicago School of Professional Psychology	0	1	0	1	3	-
The University of The South	0	0	2	2	3	-
University of Dayton	3	0	1	1	3	0.0
University of La Verne	0	1	2	2	3	-
University of Valley Forge	7	4	1	2	3	-57.1
Adventhealth University	0	1	2	1	2	-
Agnes Scott College	0	0	0	0	2	-
Albright College	0	1	2	1	2	-
Allegheny College	1	0	3	0	2	100.0
Amherst College	0	0	0	2	2	-
Ave Maria University	1	3	2	0	2	100.0
Averett University	5	7	2	4	2	-60.0
Barton College	2	1	0	0	2	0.0
Bellevue University	5	3	3	2	2	-60.0
Benedictine College	1	0	2	1	2	100.0

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Berklee College of Music	2	6	4	3	2	0.0
Bob Jones University	0	1	0	0	2	-
Bowdoin College	2	0	1	1	2	0.0
Bryn Mawr College	0	1	1	0	2	-
California Lutheran University	0	0	0	0	2	-
Carleton College	1	1	0	1	2	100.0
Carthage College	0	0	0	0	2	-
Chatham University	0	2	1	2	2	-
Colgate University	0	0	1	1	2	-
College of The Holy Cross	1	0	0	2	2	100.0
Covenant College	1	1	4	0	2	100.0
Curry College	0	0	0	0	2	-
DePaul University	6	3	3	3	2	-66.7
Franklin And Marshall College	0	0	0	2	2	-
Gallaudet University	4	4	5	1	2	-50.0
Hawaii Pacific University	5	3	2	5	2	-60.0
Indiana Wesleyan University - Aps U/G	0	1	0	1	2	-
Ithaca College	1	0	4	2	2	100.0
Juniata College	0	0	2	2	2	-
Knox College	0	0	0	0	2	-
Lee University	1	2	2	0	2	100.0
Lesley University	0	0	0	0	2	-
Loyola University Maryland	1	3	2	3	2	100.0
Luther Rice College & Seminary	0	0	0	1	2	-
Marymount Manhattan College	0	0	1	1	2	-
Maryville University	0	0	0	0	2	-
Massachusetts College of Pharmacy	1	5	0	2	2	100.0
Mercyhurst University	1	0	0	1	2	100.0
Methodist University	2	3	2	1	2	0.0
Morehouse College	0	1	2	1	2	-
New York Institute of Technology- Old Westbury	0	2	0	1	2	-
North Greenville University	0	2	1	0	2	-
Norwich University	4	3	6	6	2	-50.0
Oberlin College	0	1	0	1	2	-
Pepperdine University	1	0	1	0	2	100.0
Pratt Institute	0	1	0	1	2	-
Randolph College	3	4	3	6	2	-33.3
Rhodes College	1	0	0	0	2	100.0
Rice University	0	2	0	1	2	-
Rider University	1	2	1	2	2	100.0

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Saint Leo University	13	5	9	6	2	-84.6
Saint Vincent College	0	0	1	0	2	-
Southwestern Assemblies of God University	0	0	0	0	2	-
Spelman College	3	0	2	0	2	-33.3
St Francis College	0	0	1	0	2	-
Stanford University	3	1	3	2	2	-33.3
Susquehanna University	2	0	0	1	2	0.0
Trevecca Nazarene University	0	0	0	0	2	-
Trinity College	1	1	0	1	2	100.0
Tulane University	1	0	1	1	2	100.0
Universidad Adventista De Las Antillas	0	0	1	2	2	-
University of Chicago	3	2	3	1	2	-33.3
University of San Diego	0	0	1	0	2	-
University of The Arts	0	2	0	4	2	-
University of The Incarnate Word	1	2	2	3	2	100.0
Utica College	1	1	1	1	2	100.0
Vanderbilt University	1	1	2	4	2	100.0
Vassar College	0	0	1	3	2	-
Walsh University	0	0	0	1	2	-
Wesleyan University	1	0	1	2	2	100.0
Wheaton College	0	1	1	3	2	-
Wilkes University	0	0	2	1	2	-
Adelphi University	0	0	2	0	1	-
Alderson Broaddus University	2	1	0	3	1	-50.0
Alvernia University	0	0	0	0	1	-
American International College	0	0	0	0	1	-
American National University	0	0	0	1	1	-
American Sentinel University	0	5	6	2	1	-
Ashland University	1	0	0	0	1	0.0
Augsburg University	0	0	0	0	1	-
Bard College	0	0	3	0	1	-
Bastyr University	1	0	0	0	1	0.0
Becker College	0	2	0	1	1	-
Beloit College	1	0	0	0	1	0.0
Bennington College	0	0	0	1	1	-
Bentley University	0	0	0	1	1	-
Berea College	0	0	0	0	1	-
Berkeley College	1	0	0	0	1	0.0
Bethel University	1	0	0	0	1	0.0
Brandeis University	0	1	1	2	1	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Brenau University	0	0	0	0	1	-
Brigham Young University - Hawaii	0	1	0	1	1	-
Butler University	0	1	0	2	1	-
Cairn University	0	0	2	1	1	-
California Baptist University	0	0	0	3	1	-
California Institute of Technology	1	0	0	1	1	0.0
Campbell University	3	0	1	2	1	-66.7
Capital University Columbus	1	0	0	0	1	0.0
Chowan University	1	1	1	1	1	0.0
Clarks Summit University	2	0	0	0	1	-50.0
Cleveland Institute of Art	1	1	2	0	1	0.0
Coker University	0	1	0	0	1	-
Colby Sawyer College	0	0	0	0	1	-
College of The Ozarks	0	0	0	0	1	-
Colorado Christian University	1	0	3	1	1	0.0
Columbia College	1	0	0	0	1	0.0
Columbus College of Art & Design	0	0	0	1	1	-
Concordia University - Irvine	0	0	0	0	1	-
Creighton University	0	0	0	0	1	-
Dallas Baptist University	0	0	0	0	1	-
Davenport University	1	0	1	0	1	0.0
Davis & Elkins College	0	2	1	3	1	-
Delaware Valley University	1	0	0	1	1	0.0
Depauw University	0	0	1	0	1	-
Dominican College	1	0	0	0	1	0.0
Drake University	0	0	0	0	1	-
Drury University	2	0	0	0	1	-50.0
D'youville College	1	1	0	0	1	0.0
Eastern University	1	1	1	1	1	0.0
Emerson College	0	3	2	2	1	-
Endicott College	0	1	0	1	1	-
Fairfield University	0	1	0	0	1	-
Fairleigh Dickinson University - Madison	2	0	0	3	1	-50.0
Flagler College	2	0	0	4	1	-50.0
Florida Memorial University	0	0	1	0	1	-
Florida Southern College	0	0	0	0	1	-
Fontbonne University	0	0	0	0	1	-
Franklin College	0	0	0	0	1	-
Gannon University	1	0	1	1	1	0.0
Gettysburg College	1	1	3	1	1	0.0

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Golf Academy of America - Dallas	7	1	1	2	1	-85.7
Grace College	0	0	0	0	1	-
Grantham University	4	1	1	0	1	-75.0
Haverford College	0	1	0	2	1	-
Herzing University-Orlando	3	1	2	4	1	-66.7
Hope International University	0	0	0	0	1	-
Illinois College	0	1	0	0	1	-
Inter American Univ of Puerto Rico- Metro Campus	0	1	0	1	1	-
Jacksonville University	3	0	2	2	1	-66.7
John Carroll University	0	0	0	1	1	-
John F Kennedy University - Online	0	0	1	0	1	-
Juilliard School (The)	0	0	0	0	1	-
Kenyon College	2	0	0	0	1	-50.0
Keuka College	1	1	0	0	1	0.0
King University	4	2	2	3	1	-75.0
Laboure College	1	0	0	0	1	0.0
Lake Erie College	0	0	0	0	1	-
Lake Erie College of Osteopathic	1	2	0	1	1	0.0
Le Moyne College	0	0	0	0	1	-
Lebanon Valley College	0	0	1	1	1	-
Lehigh University	1	0	3	4	1	0.0
Lenoir-Rhyne University	0	0	1	0	1	-
Letourneau University	0	0	0	0	1	-
Lewis & Clark College of Arts & Sciences	0	0	1	1	1	-
Lewis University	1	0	0	2	1	0.0
Livingstone College	0	0	0	0	1	-
Long Island University	2	2	1	1	1	-50.0
Loyola University In New Orleans	0	1	1	0	1	-
Macalester College	0	1	2	0	1	-
Madonna University	0	1	0	0	1	-
Maharishi University of Management	1	1	1	2	1	0.0
Manhattan College	0	0	1	1	1	-
Manhattan School of Music	0	1	0	0	1	-
Manhattanville College	0	1	1	0	1	-
Maria College	0	0	0	0	1	-
Marquette University	0	1	2	0	1	-
Marywood University	0	0	0	0	1	-
Mcpherson College	0	1	0	1	1	-
Mercy College	0	3	1	1	1	-
Merrimack College	0	0	0	0	1	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Misericordia University	0	1	2	0	1	-
Monmouth University	1	0	1	0	1	0.0
Monroe College	3	0	1	0	1	-66.7
Moody Bible Institute	1	1	0	0	1	0.0
Moore College of Art And Design	0	0	0	1	1	-
Moravian College	6	3	0	0	1	-83.3
Mount Saint Mary College	2	1	0	0	1	-50.0
Mount St Joseph University	0	0	0	0	1	-
Mount St Mary's University	0	0	0	0	1	-
Muhlenberg College	0	0	0	2	1	-
Musicians Institute	0	0	1	0	1	-
New England College	0	0	0	1	1	-
Northwest Christian University	0	0	0	0	1	-
Notre Dame De Namur University	0	0	0	1	1	-
Nova Southeastern University	1	5	1	1	1	0.0
Oglethorpe University	0	0	0	0	1	-
Ohio Wesleyan University	0	0	1	0	1	-
Otis College of Art And Design	0	0	1	0	1	-
Ottawa University-Kansas City	0	1	0	0	1	-
Otterbein University	0	2	1	1	1	-
Our Lady of The Lake University of San Antonio	0	0	0	0	1	-
Pacific Union College	1	0	0	0	1	0.0
Parker University	0	0	0	0	1	-
Pennsylvania Academy of The Fine Arts	0	1	0	1	1	-
Piedmont College	0	0	0	0	1	-
Point Park University	3	1	1	2	1	-66.7
Providence College	0	0	0	2	1	-
Quincy University	0	0	0	0	1	-
Reed College	1	0	0	3	1	0.0
Regis University-Semesters	1	0	2	0	1	0.0
Rhode Island School of Design	1	0	4	1	1	0.0
Ringling College of Art And Design	2	0	0	1	1	-50.0
Roberts Wesleyan College	0	0	0	0	1	-
Rollins College	1	0	1	1	1	0.0
Roosevelt University	1	0	0	1	1	0.0
Saint Augustine's University	0	0	1	1	1	-
Saint Mary's College	0	0	0	0	1	-
Saint Michaels College	0	1	0	1	1	-
Saint Peter's University	0	1	0	1	1	-
Santa Clara University	0	0	1	0	1	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
School of The Art Institute of Chicago	1	0	2	1	1	0.0
Seattle University	0	0	0	1	1	-
Sentara College of Health Sciences	6	4	4	1	1	-83.3
Seton Hill University	1	0	1	0	1	0.0
South College	0	0	0	0	1	-
Southern Adventist University	1	2	0	1	1	0.0
Southern Baptist Theological Seminary	1	0	3	0	1	0.0
Southern Methodist University	1	1	4	1	1	0.0
Southwestern Adventist University	0	0	0	0	1	-
St Bonaventure University	1	1	2	0	1	0.0
St Lawrence University	0	0	0	1	1	-
St Mary's University--Minneapolis	0	0	1	1	1	-
St Vladimir’s Orthodox	0	0	0	0	1	-
Stevens Institute of Technology	0	0	0	0	1	-
Swarthmore College	0	1	0	1	1	-
Texas Christian University	3	1	0	2	1	-66.7
The King's College	0	1	0	1	1	-
Thomas Aquinas College	0	1	0	0	1	-
Thomas Jefferson University	1	2	0	4	1	0.0
Touro University World Wide	0	0	0	0	1	-
Trine University	1	0	2	0	1	0.0
Trinity University	0	0	0	1	1	-
Tufts University	3	3	1	1	1	-66.7
Unity College	0	0	0	0	1	-
Universidad Metropolitana	0	1	0	0	1	-
Universidad Politecnica Puerto Rico	2	1	1	0	1	-50.0
University of Advancing Technology	0	0	0	0	1	-
University of Bridgeport	0	2	1	1	1	-
University of Denver - Colorado	1	0	1	3	1	0.0
University of Evansville	0	0	0	0	1	-
University of Hartford	1	0	0	1	1	0.0
University of Mount Olive	1	0	2	2	1	0.0
University of Mount Union	0	1	0	0	1	-
University of New England Non-Matric	3	1	0	0	1	-66.7
University of New Haven-Semesters	2	0	0	1	1	-50.0
University of Pikeville	0	0	0	0	1	-
University of Portland	1	0	0	0	1	0.0
University of San Francisco	0	1	0	1	1	-
University of St Thomas	0	1	1	2	1	-
University of The Cumberlands	0	0	1	1	1	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Upper Iowa University	2	0	1	2	1	-50.0
Ursinus College	2	1	1	0	1	-50.0
Ursuline College	0	0	0	0	1	-
Valparaiso University	0	1	0	2	1	-
Vermont College of Fine Arts Film	0	0	0	0	1	-
Viterbo University	0	1	0	0	1	-
Waldorf University	1	0	1	1	1	0.0
Warren Wilson College	1	1	0	0	1	0.0
Washington Adventist University	0	1	1	2	1	-
Washington College	1	0	0	1	1	0.0
Webber International University- St Andrews Univ.	0	0	0	1	1	-
Wellesley College	1	0	1	0	1	0.0
Wesley Theological Seminary	0	1	0	0	1	-
West Virginia Wesleyan College	4	1	1	1	1	-75.0
Wheaton College	0	0	0	0	1	-
Whitworth University	1	0	0	0	1	0.0
Widener University- Delaware Law	0	1	1	1	1	-
William Penn University	0	0	0	0	1	-
Williams College	0	3	0	0	1	-
Wilson College	0	1	0	3	1	-
Wingate University	0	3	1	1	1	-
Wofford College	0	0	0	1	1	-
Worcester Polytechnic Institute	1	0	1	2	1	0.0
Young Harris College	0	0	0	0	1	-
A.T. Still University of Health Sciences	1	0	1	0	0	-100.0
Abilene Christian University	0	2	0	1	0	-
Adrian College	0	0	0	1	0	-
Alaska Pacific University	0	1	0	0	0	-
Albertus Magnus College	0	1	0	0	0	-
Alliant International University	0	1	0	0	0	-
American University of The Caribbean	0	1	0	0	0	-
American University Pr Manati	0	1	0	0	0	-
Anderson University	0	0	0	1	0	-
Andrews University	1	1	0	2	0	-100.0
Anna Maria College	2	0	0	0	0	-100.0
Arcadia University	2	0	1	2	0	-100.0
Argosy University - Dc Area	8	2	0	0	0	-100.0
Arkansas Baptist College	0	1	0	0	0	-
Art Center College of Design	0	0	1	0	0	-
Asbury University	2	0	1	0	0	-100.0

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Assumption College	0	1	0	0	0	-
Aurora University	1	1	0	0	0	-100.0
Azusa Pacific University- Undergraduate	0	1	2	1	0	-
Bacone College	1	1	0	0	0	-100.0
Baker College - Flint	1	2	4	0	0	-100.0
Baldwin Wallace University	1	0	0	0	0	-100.0
Bank Street College of Education	1	0	0	0	0	-100.0
Bard College At Simon's Rock	0	0	0	1	0	-
Barnard College	0	0	0	1	0	-
Barry University	2	1	2	3	0	-100.0
Bates College	0	0	0	1	0	-
Bay Path University	1	0	0	0	0	-100.0
Bay State College	1	0	0	0	0	-100.0
Beckfield College - Tri-County	0	0	1	0	0	-
Belhaven University	1	0	0	0	0	-100.0
Bellarmine University	0	0	1	0	0	-
Benedict College	2	0	1	0	0	-100.0
Benjamin Franklin Institute of Technology	1	0	0	0	0	-100.0
Berkeley College	1	2	1	0	0	-100.0
Berry College	1	0	0	0	0	-100.0
Bethany College	3	0	1	0	0	-100.0
Biola University	2	1	2	0	0	-100.0
Bon Secours Memorial College of Nursing	2	1	1	0	0	-100.0
Boston Architectural College	0	1	0	0	0	-
Brevard College	0	0	0	1	0	-
Briar Cliff University	1	0	0	0	0	-100.0
Briarcliffe College - Bohemia	0	1	0	0	0	-
Bryant University	0	0	1	0	0	-
Bucknell University	1	2	1	2	0	-100.0
Buena Vista University	0	0	0	1	0	-
California College	1	0	0	0	0	-100.0
California College of The Arts	0	0	1	0	0	-
California Institute of Integral Studies	0	1	0	0	0	-
Cambridge College	1	0	0	0	0	-100.0
Campbellsville University	1	0	0	0	0	-100.0
Carlow University	0	0	1	0	0	-
Carroll University	2	1	0	1	0	-100.0
Catawba College	0	0	1	0	0	-
Central Penn College	0	1	0	0	0	-
Charleston Southern University	1	2	0	2	0	-100.0

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Chestnut Hill College	1	0	0	0	0	-100.0
Cincinnati Christian University	0	0	1	0	0	-
City University of Seattle	0	0	2	1	0	-
Claflin University	1	0	0	0	0	-100.0
Claremont Mckenna College	2	0	0	0	0	-100.0
Clark University	1	3	0	1	0	-100.0
Clarkson University	0	0	1	2	0	-
Colby College	0	0	1	0	0	-
College America	1	0	0	0	0	-100.0
College For Creative Studies	0	2	0	0	0	-
College of Menominee Nation	0	0	1	0	0	-
College of St Scholastica	2	0	0	0	0	-100.0
College of The Atlantic-Maine	0	0	1	0	0	-
College of Wooster	0	1	6	2	0	-
Columbia College Chicago	3	6	4	1	0	-100.0
Columbia International University	1	0	0	1	0	-100.0
Concordia University	1	0	0	2	0	-100.0
Concordia University Portland	0	0	1	3	0	-
Concordia University- Wisconsin	0	0	1	0	0	-
Connecticut College	0	0	1	0	0	-
Cooper Union For Advancement of Science & Art	0	0	1	0	0	-
Cornell College	2	0	0	0	0	-100.0
Cornerstone University Undergrads	0	0	1	0	0	-
Cox College	0	1	0	0	0	-
Cumberland University	0	0	1	1	0	-
Daemen College	1	0	0	1	0	-100.0
Davidson College	1	1	1	0	0	-100.0
Dean College	1	0	0	0	0	-100.0
Defiance College	0	0	1	0	0	-
Desales University	2	1	0	0	0	-100.0
Dowling College	1	0	0	0	0	-100.0
Drew University	1	0	0	1	0	-100.0
Dunwoody College of Technology	1	0	0	0	0	-100.0
Earlham College	0	0	1	0	0	-
EDP University	0	0	0	2	0	-
Elizabethtown College	1	3	1	1	0	-100.0
Elmira College	0	1	0	0	0	-
Emmanuel College	0	0	0	2	0	-
Everest College- South Orlando - Online	6	7	0	0	0	-100.0
Fielding Graduate University	0	1	0	0	0	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Fisher College-Traditional	0	0	1	1	0	-
Florida College	0	1	0	0	0	-
Florida Technical College	0	0	0	1	0	-
Franklin Pierce University	0	1	0	0	0	-
Franklin University	0	1	0	1	0	-
Franklin W. Olin College of Engineering	0	0	0	1	0	-
Freed - Hardeman University	1	1	1	0	0	-100.0
Fresno Pacific University	0	0	0	1	0	-
Furman University	0	0	1	1	0	-
Gardner-Webb University	0	1	1	1	0	-
Geneva College-Non Traditional	0	1	2	0	0	-
Goldfarb School of Nursing	0	0	1	0	0	-
Gonzaga University	0	0	1	0	0	-
Goodwin College	1	1	1	0	0	-100.0
Gordon College	1	0	1	0	0	-100.0
Grand View University	1	0	0	0	0	-100.0
Green Mountain College	1	0	0	1	0	-100.0
Grinnell College	1	1	1	1	0	-100.0
Guilford College	3	3	1	1	0	-100.0
Gwynedd Mercy University	0	0	0	2	0	-
Hamline University	1	0	0	1	0	-100.0
Hampshire College	0	0	1	0	0	-
Harding University	1	0	0	0	0	-100.0
Hardin-Simmons University	0	1	1	0	0	-
Harrisburg University of Science And Technology	0	0	1	1	0	-
Harrison College - Fort Wayne	1	1	0	0	0	-100.0
Harvey Mudd College	0	0	1	1	0	-
Hodges University	1	0	0	0	0	-100.0
Houston Baptist University	1	1	0	0	0	-100.0
Husson University	0	2	0	1	0	-
Illinois Institute of Technology	0	0	2	2	0	-
Immaculata University	0	1	0	1	0	-
Indiana Institute of Technology	0	0	1	0	0	-
Institute of World Politics	1	0	1	0	0	-100.0
Inter American Univ of Puerto Rico- Aguadilla	2	1	0	0	0	-100.0
Inter American Univ of Puerto Rico- Bayamon	0	0	1	0	0	-
International Academy of Design - Le Cordon Bleu	0	1	0	0	0	-
Itt Technical Institute	87	78	0	0	0	-100.0
Jamestown Business College	1	0	0	0	0	-100.0
John Brown University	0	1	0	0	0	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Johnson C. Smith University	1	0	0	0	0	-100.0
Johnson University	0	0	0	1	0	-
Kalamazoo College	0	1	0	0	0	-
Kansas City Art Institute	0	0	1	0	0	-
Kettering College	1	0	0	1	0	-100.0
King's College	2	1	0	1	0	-100.0
La Salle University	0	2	0	0	0	-
Lakeland University	0	1	0	0	0	-
Lawrence Technological University	0	0	0	1	0	-
Lawrence University	0	1	0	0	0	-
Le Cordon Bleu College of Culinary Arts - LV	1	0	0	0	0	-100.0
Life University	1	0	0	0	0	-100.0
Lindenwood University	1	1	1	0	0	-100.0
Lindsey Wilson College	1	0	1	1	0	-100.0
Linfield College	0	0	0	1	0	-
Los Angeles College of Music	0	0	1	0	0	-
Lourdes University	0	0	0	1	0	-
Loyola Marymount University	0	0	1	2	0	-
Lubbock Christian University	0	0	0	1	0	-
Lynn University	0	2	0	4	0	-
Maine College of Art	0	0	1	0	0	-
Manchester University Pharmacy	1	0	0	0	0	-100.0
Maranatha Baptist University	1	0	1	0	0	-100.0
Marietta College	0	0	2	0	0	-
Marlboro College	0	0	1	0	0	-
Maryland University of Integrative Health	1	2	0	2	0	-100.0
Marylhurst University	1	0	0	0	0	-100.0
Mckendree University	1	0	0	0	0	-100.0
Menlo College	0	0	0	1	0	-
Mercer University	1	0	1	2	0	-100.0
Mercy College of Health Sciences	0	0	1	0	0	-
Meredith College	0	1	1	0	0	-
MGH Institute of Health Professions	0	0	0	1	0	-
Middlebury College	0	0	0	2	0	-
Miles College	0	1	0	0	0	-
Millsaps College	0	0	0	1	0	-
Mississippi College	1	1	0	1	0	-100.0
Montserrat College of Art	0	1	0	0	0	-
Mount Aloysius College	0	1	2	1	0	-
Mount Carmel College of Nursing	0	1	0	0	0	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Mount Holyoke College	0	0	1	0	0	-
Mount Mercy University	0	0	1	0	0	-
Mount Washington College	1	0	0	0	0	-100.0
Naropa University	1	0	0	0	0	-100.0
National Louis University	0	0	0	2	0	-
National University College Bayamon	0	0	1	0	0	-
National University of Natural Medicine	0	1	0	0	0	-
Neumann University	0	0	0	1	0	-
New England College of Business And Finance	0	0	1	1	0	-
New England Culinary Institute	1	0	0	0	0	-100.0
Newberry College	0	2	0	1	0	-
Newschool of Architecture And Design	1	1	0	0	0	-100.0
Niagara University	0	1	0	1	0	-
Nichols College	0	1	1	0	0	-
North Carolina Wesleyan College	0	2	0	4	0	-
North Central College	0	0	0	1	0	-
North Park University	0	1	0	1	0	-
Northcentral University	0	0	0	1	0	-
Northwest Nazarene University	0	0	1	0	0	-
Northwest University	0	0	0	1	0	-
Northwood University	1	0	0	0	0	-100.0
Notre Dame College of Ohio	0	0	0	1	0	-
Notre Dame of Maryland University	3	3	4	0	0	-100.0
Nyack College - Puerto Rico	2	1	0	0	0	-100.0
Oakwood University	1	1	0	0	0	-100.0
Occidental College	0	2	0	0	0	-
Ohio Christian University	0	1	0	0	0	-
Ohio Northern University	0	1	0	0	0	-
Oklahoma Christian University	0	0	2	0	0	-
Oklahoma City University	1	1	3	0	0	-100.0
Oral Roberts University	0	3	1	1	0	-
Paine College	0	0	1	0	0	-
Palm Beach Atlantic University	4	3	2	1	0	-100.0
Palmer College of Chiropractic	0	1	0	0	0	-
Paul Smith's College of The Adirondacks	2	0	0	0	0	-100.0
Peirce College	0	0	0	1	0	-
Pennsylvania College of Art And Design	0	2	1	0	0	-
Pennsylvania College of Health Sciences	0	0	0	1	0	-
Pfeiffer University	0	1	1	0	0	-
Pitzer College	0	0	1	0	0	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
Pomona College	1	0	1	2	0	-100.0
Pontifical Catholic University of Puerto Rico	0	2	0	0	0	-
Princeton University	0	1	0	2	0	-
Queen's University	1	0	0	0	0	-100.0
Quinnipiac University	0	1	1	1	0	-
Ranken Technical College	0	0	1	1	0	-
Regis College	0	0	1	0	0	-
Robert Morris University	1	0	0	0	0	-100.0
Robert Morris University	0	2	1	1	0	-
Rochester College	0	1	0	0	0	-
Rocky Mountain College of Art & Design	0	0	1	2	0	-
Roger Williams University	1	1	0	0	0	-100.0
Roseman Univ. of Health Sciences South Jordan	0	2	1	0	0	-
Rosemont College	0	0	1	0	0	-
Saint Joseph's College of Maine	0	2	1	0	0	-
Saint Martin's University	0	0	0	1	0	-
Saint Thomas Aquinas College	0	0	0	1	0	-
Saint Xavier University	0	1	0	0	0	-
Salem College-Undergrads	1	0	1	0	0	-100.0
Salve Regina University	0	0	0	2	0	-
Samford University	0	0	0	1	0	-
San Francisco Art Institute	0	0	0	1	0	-
Sarah Lawrence College	0	0	0	1	0	-
Schreiner University	0	0	0	1	0	-
Scripps College	1	0	0	0	0	-100.0
Seattle Pacific University	0	0	1	0	0	-
Shaw University	0	1	0	1	0	-
Siena Heights University	0	1	1	0	0	-
Sierra Nevada College	0	0	0	1	0	-
Simmons University- Online Students	0	0	0	1	0	-
Simpson University	0	0	0	1	0	-
Skidmore College	0	0	0	1	0	-
Smith College	2	2	1	5	0	-100.0
Southern California Institute of Architecture	0	0	1	0	0	-
Southside Regional Med. Ctr. - School of Radiation	0	0	1	0	0	-
Southwestern University	1	1	0	0	0	-100.0
Spalding University	0	0	1	0	0	-
St Ambrose University	1	0	0	0	0	-100.0
St Catherine University	5	1	1	2	0	-100.0
St Edwards University	1	2	0	1	0	-100.0

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
St John's College	0	0	0	1	0	-
St Joseph's College - Brooklyn	1	0	0	2	0	-100.0
St Mary of The Woods College	1	0	1	0	0	-100.0
St Thomas University	0	1	0	0	0	-
St Vincent’s College	0	0	0	1	0	-
St. Mary's University	0	1	0	2	0	-
Stonehill College	0	0	1	0	0	-
Stratford University	132	108	89	0	0	-100.0
Taylor University	0	0	0	1	0	-
Teachers College Columbia University	0	1	0	0	0	-
Texas Wesleyan University	0	0	1	0	0	-
The Art Institute of Colorado	1	0	0	0	0	-100.0
The Art Institute of Fort Lauderdale	1	0	0	0	0	-100.0
The Master's University	0	1	1	1	0	-
The Sage Colleges	0	1	0	0	0	-
Thomas College	0	1	0	0	0	-
Thomas More University	0	0	1	0	0	-
Tiffin University	0	1	0	2	0	-
Touro College	1	0	2	0	0	-100.0
Trinity Christian College	0	0	0	1	0	-
Trinity International University	0	1	0	0	0	-
Tusculum College	1	0	0	1	0	-100.0
Tuskegee University	2	1	1	1	0	-100.0
Union College	1	0	1	1	0	-100.0
Union University	1	0	1	0	0	-100.0
Universidad Del Este	0	1	0	0	0	-
Universidad Del Turabo	0	1	1	2	0	-
University of Charleston	0	1	1	2	0	-
University of Dallas	1	2	0	4	0	-100.0
University of Detroit Mercy	1	1	1	0	0	-100.0
University of Findlay	1	0	0	0	0	-100.0
University of Indianapolis	1	2	1	0	0	-100.0
University of Mary	0	1	0	3	0	-
University of Mary Hardin-Baylor	0	1	0	1	0	-
University of Mobile	0	1	0	0	0	-
University of Northwestern - St Paul	0	0	0	1	0	-
University of Northwestern Ohio – Coll. of Tech	2	3	4	2	0	-100.0
University of Scranton	0	0	0	1	0	-
University of Sioux Falls	1	0	0	0	0	-100.0
University of St Augustine For Health Sciences	0	0	2	0	0	-

Private Four-Year Transfer Institution	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 2014-15 to 2018-19
University of St Thomas	0	0	1	0	0	-
University of St. Francis	0	0	1	0	0	-
University of The Sciences	0	1	1	0	0	-
Vanguard University of Southern California	0	1	0	1	0	-
Vaughn College of Aeronautics And Technology	1	0	1	1	0	-100.0
Wagner College	0	1	1	1	0	-
Walsh College	0	0	0	2	0	-
Washington & Jefferson College	0	0	1	1	0	-
Watkins College of Art Design & Film	1	0	0	0	0	-100.0
Wayland Baptist University-External Campus	1	2	1	1	0	-100.0
Webster University	3	2	1	3	0	-100.0
Welch College	1	0	0	0	0	-100.0
Wentworth Institute of Technology	0	0	0	1	0	-
Wesley College	0	4	0	2	0	-
West Coast University- North Hollywood	1	1	0	1	0	-100.0
Western International University	2	0	0	0	0	-100.0
Western New England University	0	0	0	1	0	-
Westminster College	0	2	0	1	0	-
Westminster College of Salt Lake City	1	0	0	1	0	-100.0
Westmont College	0	0	0	1	0	-
Wheeling Jesuit University	1	1	0	0	0	-100.0
Wheelock College	1	0	0	0	0	-100.0
Whittier College	0	0	1	0	0	-
Willamette University	0	1	0	0	0	-
William Jessup University	0	0	1	0	0	-
William Peace University	0	0	0	1	0	-
Wittenberg University	0	0	0	1	0	-
Woodbury University	0	0	0	1	0	-
Xavier University of Louisiana	0	0	2	0	0	-
Yeshiva University	1	0	0	0	0	-100.0
York College	0	1	0	0	0	-
Total	**2,622**	**2,400**	**2,334**	**2,423**	**2,573**	**-1.9**

Source: NSC

PATHWAY TO THE AMERICAN DREAM—NOVA'S STRATEGIC PLAN 2017-2023

THE NOVA COMMITMENT

As its primary contributions to meeting the needs of the Commonwealth of Virginia, the Northern Virginia Community College pledges to advance the social and economic mobility of its students while producing an educated citizenry for the 21st Century.

THE STRATEGIC PLAN GOALS AND OBJECTIVES

To deliver on this commitment NOVA will focus its creativity and talent, its effort and energy, and its resources and persistence, on achieving three overarching goals—success, achievement, and prosperity. It will strive to enable **Every Student to Succeed, Every Program to Achieve,** and **Every Community to Prosper.**

To advance the completion agenda described above, thereby promoting students' success and enhancing their social mobility, ensuring that programs achieve, and producing an educated citizenry for the 21st Century, the following goals and objectives are adopted:

GOAL 1: Every Student Succeeds

- **Objective 1:** Develop a College-wide approach to advising that ensures all students are advised and have access to support throughout their time at NOVA
- **Objective 2:** Implement VIP-PASS System as the foundational technology based on NOVA Informed Pathways for student self-advising, assignment and coordination of advisors, and course registration

GOAL 2: Every Program Achieves

- **Objective 3:** Develop comprehensive, fully integrated Informed Pathways for every program to ensure seamless transitions from high school and other entry points to NOVA, and from NOVA to four-year transfer institutions or the workforce
- **Objective 4:** Develop effective processes and protocols for programmatic College-wide collective decisions that include consistent, accountable leadership and oversight of each academic program with designated "owners," active advisory committees, clear student learning outcomes and assessments, and program reviews in all modalities of instruction
- **Objective 5:** Align NOVA's organizational structures, position descriptions, and expectations for accountability with its overarching mission to support student engagement, learning, success and institutional effectiveness

GOAL 3: Every Community Prospers

- **Objective 6:** Enhance the prosperity of every community in Northern Virginia by refocusing and prioritizing NOVA's workforce development efforts
- **Objective 7:** Further develop NOVA's IT and Cybersecurity programs to support regional job demand and position NOVA as the leading IT community college in the nation
- **Objective 8:** Re-envision workforce strategies and integrate workforce development into a NOVA core focus
- **Objective 9:** Plan to expand the breadth and reach of NOVA's healthcare and biotechnology programs, and prioritize future programs to support regional economic development goals economic development goals

NOVA

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